



This certificate is not valid if the serial number has been defaced or altered

204668

ICR18

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

Part P No:

PART 1 : DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

DETAILS OF THE CONTRACTOR

Registration No: 19855 Branch No*:
Trading Title: A Archer Electrical Ltd
Address: Holly Farm, Clipstone Road , Edwinstowe , Nottinghamshire
Postcode: NG21 9JD Tel No: 0115 9667480

DETAILS OF THE CLIENT

Contractor Reference Number (CRN):
Name: Study Inn
Address: 175 Corporation Street, Coventry
Postcode: CV1 1GD Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: Study Inn Nottingham
Address: Lambert House, Talbot Street, Nottingham
Postcode: NG80 1LH Tel No: N/A

PART 2 : DETAILS OF THE ELECTRICAL WORK COVERED BY THIS INSTALLATION CERTIFICATE

Date works completed: 01/10/2020

The installation is -

- New:
- An addition:
- An alteration:
- Replacement of a distribution board:

Description and extent of the installation covered by this certificate:

Full electrical installation of the student accommodation including, emergency lighting and fire alarm installation

Where necessary, continue on a separate numbered page: Page No(s) (N/A.....)

PART 3 : NEXT INSPECTION OF THE ELECTRICAL INSTALLATION

I/We, being the designer(s) of the electrical installation as documented in PART 4, RECOMMEND that this installation is further inspected and tested after an interval of not more than: years**

PART 4 : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (this option may be used where the design, construction, inspection & testing have been the responsibility of one person)

DESIGN, CONSTRUCTION, INSPECTION & TESTING (The extent of liability of the signatories is limited to the work detailed in PART 2)

I, being the person responsible for the design, construction, inspection and testing of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the design and additionally where this certificate applies to an addition or alteration, having confirmed that the safety of the existing installation is not impaired, hereby CERTIFY that the design, construction, inspection and testing for which I have been responsible is to the best of my knowledge and belief in accordance with BS 7671: 2018, amended to(date) except for the departures, if any, detailed on attached page(s) (.....)(Regulations 120.3, 133.1.3 and 133.5).

Permitted exception applied (411.3.3): Risk assessment attached: Page No(s) (.....) Where selectivity is required, details of the verification appended (536.4): Page No(s) (.....)

Name (capitals): RICK HARRIS

Signature:

Date: 28/08/2020

REVIEWED BY QUALIFIED SUPERVISOR

Name (capitals): ROSS HARRISON

Signature:

Date: 21/08/2020

*Where applicable ** The proposed date for the next inspection should take into consideration any legislative or licensing requirements and the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended life. The period should be agreed between relevant parties.



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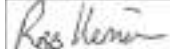
Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 4 : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (to be completed where different parties are responsible for the design, construction, inspection & testing)

DESIGN (The extent of liability of the signatories is limited to the work detailed in PART 2)

I/We being the person(s) responsible for the design of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the design and additionally where this certificate applies to an addition or alteration, having confirmed that the safety of the existing installation is not impaired, hereby CERTIFY that the design work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with BS 7671: 2018, amended to (date) except for the departures, if any, detailed on attached page(s) (.....) (Regulations 120.3, 133.1.3 and 133.5).

Permitted exception applied (411.3.3): Risk assessment attached: Page No(s) (.....) Where selectivity is required, details of the verification appended (536.4): Page No(s) (.....)

DESIGNER 1 Name (capitals): ROSS HARRISON Signature:  Date: 29/08/2020

DESIGNER 2 (where there is divided responsibility for design) Name (capitals): Signature: Date:

CONSTRUCTION (The extent of liability of the signatories is limited to the work detailed in PART 2)

I, being the person responsible for the construction of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the construction, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with BS 7671: 2018, amended to (date) except for the departures, if any, detailed on attached page(s) (.....) (Regulations 120.3 and 133.5).

Name (capitals): Signature: Date:

INSPECTION & TESTING (The extent of liability of the signatories is limited to the work detailed in PART 2)

I, being the person responsible for the inspection and testing of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the inspection and testing, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with BS 7671: 2018, amended to (date) except for the departures, if any, detailed on attached page(s) (.....) (Regulations 120.3 and 133.5).

Name (capitals): RICK HARRIS Signature:  Date: 29/08/2020

REVIEWED BY QUALIFIED SUPERVISOR

Name (capitals): ROSS HARRISON Signature:  Date: 21/08/2020

PART 5 : COMMENTS ON THE EXISTING INSTALLATION (in the case of an addition or alteration see Regulation 644.1.2)

Where necessary, continue on a separate numbered page: Page No(s) (N/A.....)

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems), this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s).

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 6 : DETAILS OF THE ORGANISATION(S) RESPONSIBLE FOR THE ELECTRICAL INSTALLATION *(signatures of which are in PART 4)*

DESIGN, CONSTRUCTION, INSPECTION & TESTING	DESIGN		CONSTRUCTION	INSPECTION & TESTING
	DESIGNER 1	DESIGNER 2		
Organisation: <u>A. Archer Electrical Ltd</u>	Organisation:	Organisation:	Organisation:	Organisation:
Registration No*:	Registration No*:	Registration No*:	Registration No*:	Registration No*:
Branch No*:	Branch No*:	Branch No*:	Branch No*:	Branch No*:
Address: <u>Holly Farm, Clipstone Road, Edwinstowe, Nottingham, Nottinghamshire, United Kingdom</u>	Address:	Address:	Address:	Address:
Postcode: <u>NG21 9JD</u>	Postcode:	Postcode:	Postcode:	Postcode:
Tel No: <u>01159 667 480</u>	Tel No:	Tel No:	Tel No:	Tel No:

PART 7 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements	Number and type of live conductors	Nature of supply parameters
TN-C-S: <input checked="" type="checkbox"/> TN-S: <input type="checkbox"/> TT: <input type="checkbox"/> Other (state):	AC 1-phase, 2-wire: <input type="checkbox"/> 2-phase, 3-wire: <input type="checkbox"/> 3-phase, 3-wire: <input type="checkbox"/> 3-phase, 4-wire: <input checked="" type="checkbox"/> DC 2-wire: <input type="checkbox"/> 3-wire: <input type="checkbox"/> Other (state): (.....)	Nominal line voltage, $U^{(1)}$: (400) V Nominal line voltage to Earth, $U_0^{(1)}$: (230) V Nominal frequency, $f^{(1)}$: (50) Hz Prospective fault current, $I_{pf}^{(1)**}$: (10) kA External loop impedance, $Z_e^{(1)**}$: (0.04) Ω
Supply protective device (BS (EN) 88 Fuse HRC) Type: (gG) Rated current: (800) A	Confirmation of supply polarity: (✓) Other sources of supply: (as detailed on attached schedule) Page No: (.....)	<i>(1) By enquiry, measurement, or by calculation</i>

PART 8 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS CERTIFICATE

Means of Earthing	Main protective conductors	Main protective bonding connections	Main switch / Switch-fuse / Circuit-breaker / RCD
Maximum demand (load): (500) A Distributor's facility: (✓) Installation earth electrode: (N/A)	Earthing conductor: (material <u>Copper</u> csa <u>240</u> mm ²) Connection / continuity verified: <input checked="" type="checkbox"/>	Water installation pipes: (✓) Gas installation pipes: (✓) Structural steel: (✓) Oil installation pipes: () Lightning protection: () Other (state) :	Type: (BS (EN) <u>BS EN 60947-2 MCCB</u>) Location: (<u>BASEMENT ELECTRICAL SWITCHROOM</u>) No. of poles: (4) Rating / setting of device: (800) A Current rating: (800) A Voltage rating: (400) V
Where an earth electrode is used insert Type - rod(s), tape, etc: (.....) Location: (.....) Electrode resistance to Earth: (.....) Ω	Main protective bonding conductors: (material <u>Copper</u> csa <u>120</u> mm ²) Connection / continuity verified: <input checked="" type="checkbox"/>		Where an RCD is used as the main switch RCD rated residual operating current, $I_{\Delta n}$: (.....) mA Measured operating time: (.....) ms Rated time delay: (.....) ms

*Where applicable
 **Where the installation is supplied by more than one source, the higher or highest values of prospective fault current, I_{pf} , and external earth fault loop impedance, Z_e , must be recorded.

Original to the person ordering the work

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PART 9 : SCHEDULE OF ITEMS INSPECTED - continues on next page

1. External condition of electrical intake equipment (visual inspection only)		3.3 FELV – requirements satisfied: (N/A)	7.15 Indication of SPD(s) continued functionality confirmed: (✓)
1.1 Service cable: (✓)	1.2 Service head: (✓)	3.4 Reduced low voltage – requirements satisfied: (N/A)	7.16 Selection of protective devices(s) and base(s); correct type and rating: (✓)
1.3 Earthing arrangement: (✓)	1.4 Meter tails: (✓)	4. Additional protection	7.17 Single-pole protective devices in line conductors only: (✓)
1.5 Metering equipment: (✓)	1.6 Isolator (where present): (✓)	4.1 The presence and effectiveness of additional protection methods used, as follows:	7.18 Protection against mechanical damage where cables enter equipment: (✓)
2. Parallel or switched alternative sources of supply		a) RCDs not exceeding 30 mA operating current, as specified (N/A)	7.19 Protection against electromagnetic effects where cables enter ferromagnetic enclosures: (✓)
2.1 Presence of adequate arrangements where generator to operate as a switched alternative:		b) Supplementary bonding (✓)	7.20 Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure: (✓)
a) Dedicated earthing arrangement independent of that of the public supply (N/A)		5. Basic protection (# For use in controlled / supervised conditions only)	7.21 Presence of RCD six-monthly test notice, where required: (✓)
2.2 Presence of adequate arrangements where generator to operate in parallel with public supply:		5.1 Presence and adequacy of protective measures to provide basic protection:	7.22 Presence of diagrams, charts or schedules at or near each distribution board, where required: (✓)
a) Correct connection of generator in parallel (N/A)		a) Insulation of live parts (N/A)	7.23 Presence of next inspection recommendation label: (✓)
b) Compatibility of characteristics of means of generation (N/A)		b) Barriers or enclosures (N/A)	7.24 Presence of non-standard (mixed) cable colour warning notice at or near the appropriate distribution board, where required: (✓)
c) Means to provide automatic disconnection of generator in the event of loss of public supply or voltage or frequency deviation beyond declared values (N/A)		c) Obstacles ‡ (N/A)	7.25 Presence of other required labelling: (✓)
d) Means to prevent connection of generator in the event of loss of public supply or voltage or frequency deviation beyond declared values (N/A)		d) Placing out of reach ‡ (N/A)	8. Circuits
e) Means to isolate generator from public supply (N/A)		6. Basic and fault protection	8.1 Identification of conductors: (✓)
2.3 Presence of alternative / additional supply warning notices at or near:		a) SELV (N/A)	8.2 Cables correctly supported throughout, with protection against abrasion: (✓)
a) The origin (N/A)		b) PELV (N/A)	8.3 Examination of cables for signs of mechanical damage during installation: (✓)
b) The meter position, if remote from origin (N/A)		c) Double or reinforced insulation (N/A)	8.4 Examination of installation of live parts, not damaged during erection: (✓)
c) The consumer unit / distribution board to which the alternative / additional sources are connected (N/A)		<i>When used, provide details on a separate numbered page: Page No ()</i>	8.5 Non-sheathed cables protected by enclosure in conduit, ducting or trunking: (N/A)
d) All points of isolation of ALL sources of supply (N/A)		7. Distribution equipment	8.6 Suitability of containment systems (including flexible conduit): (✓)
3. Automatic disconnection of supply		7.1 Adequacy of working space / accessibility: (✓)	8.7 Correct temperature rating of cable insulation: (✓)
3.1 Presence and adequacy of protective earthing / bonding arrangements as follows:		7.2 Security of fixing: (✓)	8.8 Adequacy of cables for current-carrying capacity with regard to the type and nature of installation: (✓)
a) Distributor's earthing arrangement or installation earth electrode arrangement (✓)		7.3 Insulation of live parts not damaged during erection: (✓)	8.9 Adequacy of protective devices: type and fault current rating for fault protection: (✓)
b) Earthing conductor and connections (✓)		7.4 Adequacy / security of barriers: (✓)	8.10 Adequacy of AFDD(s), where specified: (N/A)
c) Main protective bonding conductors and connections (✓)		7.5 Suitability of enclosures for IP and fire ratings: (✓)	8.11 Presence and adequacy of circuit protective conductors: (✓)
d) Earthing / bonding labels at all appropriate locations (✓)		7.6 Enclosures not damaged during installation: (✓)	8.12 Coordination between conductors and overload protective devices: (✓)
3.2 Accessibility of:		7.7 Presence and effectiveness of obstacles: (✓)	
a) Earthing conductor connections (✓)		7.8 Presence and operation (functional) check of main switch(es): (✓)	
b) All protective bonding connections (✓)		7.9 Components are suitable according to assembly manufacturer's instructions or literature: (✓)	
		7.10 Operation of circuit-breakers and RCDs to prove functionality: (✓)	
		7.11 RCD(s) provided for fault protection, where specified: (N/A)	
		7.12 RCD(s) provided for protection against fire, where specified: (N/A)	
		7.13 RCD(s) provided for additional protection, where specified: (N/A)	
		7.14 Confirmation overvoltage protection (SPDs) provided, where specified: (✓)	

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PART 9 : SCHEDULE OF ITEMS INSPECTED

8.13 Wiring systems and cable installation methods / practices appropriate to the type and nature of installation and external influences: (✓)	8.24 Adequacy of connections, including cpcs, within accessories and at fixed and stationary equipment: (✓)
8.14 Cables concealed under floors, above ceilings, in walls / partitions, adequately protected against damage: (✓)	9. Isolation and switching
8.15 Cables installed in walls / partitions, installed in prescribed zones: (✓)	9.1 Isolators:
8.16 Provision of additional protection by RCDs having rated residual operating current (I _{Δn}) not exceeding 30 mA:	a) Presence and location of appropriate devices (✓)
a) For all socket-outlets with a rated current not exceeding 32 A or less, unless exempt (✓)	b) Capable of being secured in the OFF position (✓)
b) For supplies to mobile equipment with a current rating not exceeding 32 A for use outdoors (N/A)	c) Correct operation verified (functional check) (✓)
c) For cables concealed in walls / partitions at a depth of less than 50 mm (✓)	d) The installation, circuit or part thereof that will be isolated is clearly identified by location and / or durable marking (✓)
d) For cables concealed in walls / partitions containing metal parts regardless of depth (✓)	e) Warning notice posted in situations where live parts cannot be isolated by the operation of a single device (✓)
e) For circuits supplying luminaires within domestic (household) premises only (N/A)	9.2 Switching off for mechanical maintenance:
8.17 Provision of fire barriers, sealing arrangements so as to minimise the spread of fire: (✓)	a) Presence of appropriate devices (N/A)
8.18 Band II cables segregated / separated from Band I cables: (✓)	b) Acceptable location (local or remote) (N/A)
8.19 Cables segregated / separated from non-electrical services: (✓)	c) Capable of being secured in the OFF position (N/A)
8.20 Termination of cables at enclosures:	d) Correct operation verified (functional check) (N/A)
a) Connections under no undue strain (✓)	e) The installation, circuit or part thereof to be disconnected clearly identified by location and / or durable marking (N/A)
b) No basic insulation of a conductor visible outside enclosure (✓)	9.3 Emergency switching / stopping:
c) Connections of live conductors adequately enclosed (✓)	a) Presence of appropriate devices (✓)
d) Adequately connected at point of entry to enclosure (✓)	b) Readily accessible for operation where danger might occur (✓)
8.21 Suitability of circuit accessories for external influences: (✓)	c) Correct operation verified (functional check) (✓)
8.22 Circuit accessories not damaged during erection: (✓)	d) The installation, circuit or part thereof to be disconnected clearly identified by location and / or durable marking (✓)
8.23 Single-pole devices for switching or protection in line conductors only: (✓)	e) Firefighter's switches present, where required: (N/A)
	9.4 Functional switching:
	a) Presence of appropriate devices (✓)
	b) Correct operation verified (functional check) (✓)

10. Current-using equipment (permanently connected)	
10.1 Suitability of equipment in terms of IP and fire ratings:	(N/A)
10.2 Enclosure not damaged / deteriorated during installation so as to impair safety:	(N/A)
10.3 Suitability for the environment and external influences:	(N/A)
10.4 Security of fixing:	(N/A)
10.5 Cable entry holes in ceilings above luminaires, sized or sealed so as to restrict the spread of fire:	(N/A)
10.6 Recessed luminaires (downlighters):	
a) Correct type of lamps fitted	(N/A)
b) Installed to minimise build-up of heat	(N/A)
10.7 Provision of undervoltage protection, where specified:	(N/A)
10.8 Provision of overload protection, where specified:	(N/A)
10.9 Adequacy of working space / accessibility to equipment:	(N/A)

11. Special installations or locations	
List below any special installations or locations which are part of the installation to be verified, and confirm that the additional requirements given in the respective section of Part 7 are fulfilled:	
.....	()
.....	()
.....	()
.....	()
.....	()
<i>Details must be appended on a separate numbered page (see PART 10 below)</i>	

SCHEDULE OF ITEMS INSPECTED BY

Name (capitals):

Signature: Date:

PART 10 : SCHEDULES AND ADDITIONAL PAGES

Schedule of Inspections	Schedule of Circuit Details and Test Results for the installation	Additional pages, including data sheets for additional sources	Special installations or locations (indicated in item 11 above)	Continuation sheets
Page No(s): (4 & 5)	Page No(s): (6)	Page No(s): ()	Page No(s): ()	Page No(s): (7,9,10,12-14,16-18,20-22,24-26,28-30,32)

The pages identified are an essential part of this certificate.

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)		Live / Earth (MΩ)	Test voltage DC (V)	Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1L1,2,3	DB-B LOWER GROUND APARTMENTS	E	B	1	35	25	5	60947-2	MCCB	100	33	0.63				0.01	>200	>200	500	✓	0.05						
2L1,2,3	DB-B1 BASEMENT CONSERVATORY & BOH	E	B	1	35	25	5	60947-2	MCCB	100	33	0.63				0.02	>200	>200	500	✓	0.06						
3L1,2,3	DB6 LEVEL 5 DISTRIBUTION BOARD	F	E		35	25	5	60947-2	MCCB	100	33	0.63				0.01	>200	>200	500	✓	0.05						
4L1,2,3	DB1 UPPER GROUND DISTRIBUTION BOARD	F	E		70	35	5	60947-2	MCCB	200	33	0.63				0.01	>200	>200	500	✓	0.04						
5L1,2,3	DB2 LEVEL 1 DISTRIBUTION BOARD	F	E		70	35	5	60947-2	MCCB	200	33	0.63				0.02	>200	>200	500	✓	0.06						
6L1,2,3	DB3 LEVEL 2 DISTRIBUTION BOARD	F	E		70	35	5	60947-2	MCCB	200	33	0.63				0.02	>200	>200	500	✓	0.06						
7L1,2,3	DB4 LEVEL 3 DISTRIBUTION BOARD	F	E		70	35	5	60947-2	MCCB	200	33	0.63				0.02	>200	>200	500	✓	0.05						
8L1,2,3	DB5 LEVEL 4 DISTRIBUTION BOARD	F	E		70	35	5	60947-2	MCCB	200	33	0.63				0.01	>200	>200	500	✓	0.04						
9L1,2,3	DB-SPA SPA PANT DB	G	E	1	35	25	5	60947-2	MCCB	100	33	0.63				0.03	>200	>200	500	✓	0.07						
10L1,2,3	LIFT SUPPLY 1	G	E	1	6	4	5	60947-2	MCCB	20	33	0.63				0.03	>200	>200	500	✓	0.07						
11L1,2,3	LIFT SUPPLY 2	G	E	1	6	4	5	60947-2	MCCB	20	33	0.63				0.22	>200	>200	500	✓	0.24						

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: MP-MAIN PANEL **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: BASEMENT SWITCHROOM Signature: [Signature] Date: 29/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (External electrical incomer) Nominal voltage: (400) V No. of phases: (3)
Overcurrent protection device for the distribution circuit Type: (BS EN BS 88-3 Fuse G) Rating: (800) A
Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.04) Ω I_{Δf} (10) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (M1265A) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons	
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live / Live / Earth / Test voltage DC (V)	Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD		AFDD	
		Live (mm ²)	cpc (mm ²)			Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)						
8L1	APART RM 7A	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.19		>200	>200	500	✓	0.24	22	✓	
8L2	APART RM 6A	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.19		>200	>200	500	✓	0.24	22	✓	
8L3	APART RM 5A	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.17		>200	>200	500	✓	0.22	16	✓	
9L1	APART RM 4A	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.15		>200	>200	500	✓	0.20	22	✓	
9L2	APART RM 3A	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.13		>200	>200	500	✓	0.18	21	✓	
9L3	APART RM 1A	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.10		>200	>200	500	✓	0.15	21	✓	
10L1	APART RM 2A	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.12		>200	>200	500	✓	0.17	21	✓	
10L2	STUDIO RM 1	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.07		>200	>200	500	✓	0.12	16	✓	
10L3	COMMS POWER	A	E	1	2.5	1.5	0.4	60898 MCB	C	16	10		1.37			0.41		>200	>200	500	✓	0.47			
11L1	COMMS POWER	A	E	1	2.5	1.5	0.4	60898 MCB	B	16	10		2.73			0.41		>200	>200	500	✓	0.47			
11L2	COMMS POWER	A	E	1	2.5	1.5	0.4	60898 MCB	C	16	10		1.37			0.41		>200	>200	500	✓	0.47			
11L3	COMMS POWER	A	E	1	2.5	1.5	0.4	60898 MCB	C	16	10		1.37			0.42		>200	>200	500	✓	0.48			
12L1	INTRUDER ALARM PANEL IN COMMS	A	E	1	2.5	1.5	0.4	60898 MCB	B	6	10		7.28			0.36		>200	>200	500	✓	0.44			
12L2	COMMS LIGHTING	A	E	2	1.5	1.5	0.4	60898 MCB	B	6	10		7.28			0.62		>200	>200	500	✓	0.69			
12L3	COMMS HEATER CONTROL PANEL	A	E	1	2.5	1.5	0.4	60898 MCB	B	16	10		2.73			0.31		>200	>200	500	✓	0.37			
13L1	EASTSIDE CLEANERS RING MAIN	A	E	9	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37			1.00		>200	>200	500	✓	1.05	19		
13L2	MAIN EAST CORRIDOR LIGHTING	A	E	57	1.5	1	0.4	61009 RCD/RCBO	B	10	10	30	4.37			1.74		>200	>200	500	✓	1.80	17		
13L3	INNER EAST CORRIDOR LIGHTS	A	E	26	1.5	1	0.4	61009 RCD/RCBO	B	10	10	30	4.37			1.50		>200	>200	500	✓	1.56	16		
14L1	MAGLOCKS EAST CORRIDOR	A	E	1	2.5	1.5	0.4	61009 RCD/RCBO	B	16	10	30	2.73			0.60		>200	>200	500	✓	0.66			
14L2	STAIRS & LANDING LIGHTS	A	E	56	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	2.19			1.63		>200	>200	500	✓	1.71	19	✓	
14L3	DOOR ACCES MAINS ROOM	A	E	7	2.5	1.5	0.4	61009 RCD/RCBO	B	16	10	30	2.73			0.13		>200	>200	500	✓	0.18			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB0-LGF **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: BASEMENT SWITCHROOM Signature: [Signature] Date: 29/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (1L1,2,3 - MP) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (100) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.05) Ω I_{Δf} (4.86) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910) Continuity: (.....)

Insulation resistance: (.....) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																	
Circuit number	Circuit description	Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons					
				Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD		
													(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂										
15L1																											
15L2																											
15L3																											
16L1																											
16L2																											
16L3																											

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB0-LGF Location of DB: BASEMENT SWITCHROOM **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN Signature: [Signature] Date: 29/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (1L1,2,3 - MP) Nominal voltage: (400) V No. of phases: (3)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (100) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.05) Ω Z_f (4.86) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live		Live / Earth	Test voltage DC	Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)			BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1L1																											
1L2																											
1L3																											
2L1																											
2L2																											
2L3																											
3L1																											
3L2	MAGLOCKS	A	E		2.5	1.5	0.4	60898 MCB	B	16	10	2.73		0.58	>200	>200	500	✓	0.62								
3L3	LINEN ROOM DB	A	E	1	16	10	0.4	61009 RCD/RCBO	B	45	10	30	0.97	0.09	>200	>200	500	✓	0.13	19		✓					
4L1	KITCHEN 7	A	E	1	16	10	0.4	61009 RCD/RCBO	B	45	10	30	0.97	0.07	>200	>200	500	✓	0.11	22		✓					
4L2	KITCHEN 8	A	E	1	16	10	0.4	61009 RCD/RCBO	B	45	10	30	0.97	0.11	>200	>200	500	✓	0.16	21		✓					
4L3	CL7-1d	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09	0.27	>200	>200	500	✓	0.31	22		✓					
5L1	CL7-2d	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09	0.28	>200	>200	500	✓	0.32	22		✓					
5L2	CL7-3d	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09	0.30	>200	>200	500	✓	0.34	22		✓					
5L3	CL7-4d	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09	0.32	>200	>200	500	✓	0.36	22		✓					
6L1	CL7-5d	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09	0.28	>200	>200	500	✓	0.32	23		✓					
6L2	CL7-6d	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09	0.39	>200	>200	500	✓	0.39	22		✓					
6L3	CL8-1	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09	0.48	>200	>200	500	✓	0.52	21		✓					
7L1	CL8-2	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09	0.48	>200	>200	500	✓	0.52	22		✓					
7L2	CL8-3	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09	0.46	>200	>200	500	✓	0.50	22		✓					
7L3	CL8-4	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09	0.49	>200	>200	500	✓	0.53	21		✓					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB1-UGF
 Location of DB: SERVICES CUPBOARD UGF

TESTED BY Name (capitals): RICK HARRIS
 Signature: _____

Position: ELECTRICIAN
 Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: () Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (200) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.04) Ω Z_f (10) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons	
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(I) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)		RCD	AFDD
		Live (mm ²)	cpc (mm ²)			BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)					
8L1	CL8-5	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.55		>200	>200	500	✓	0.58	22	✓	
8L2	CL8-6	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.42		>200	>200	500	✓	0.47	23	✓	
8L3	CL8-7	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.47		>200	>200	500	✓	0.51	21	✓	
9L1	CL8-8	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.37		>200	>200	500	✓	0.49	22	✓	
9L2	CL8-9	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.38		>200	>200	500	✓	0.42	22	✓	
9L3	CL8-10	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.40		>200	>200	500	✓	0.44	22	✓	
10L1	RM 18	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.24		>200	>200	500	✓	0.28	16	✓	
10L2	RM 19	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.19		>200	>200	500	✓	0.23	16	✓	
10L3	RM 20	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.20		>200	>200	500	✓	0.24	15	✓	
11L1	RM 21	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.25		>200	>200	500	✓	0.29	15	✓	
11L2	RM 22	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.31		>200	>200	500	✓	0.35	15	✓	
11L3	RM 23	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.28		>200	>200	500	✓	0.32	21	✓	
12L1	RM 24	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.16		>200	>200	500	✓	0.20	21	✓	
12L2	RM 25	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.21		>200	>200	500	✓	0.25	21	✓	
12L3	RM 26	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.16		>200	>200	500	✓	0.20	22	✓	
13L1																									
13L2																									
13L3																									
14L1	MAG LOCKS	A	E	1	2.5	1.5	0.4	60898 MCB	B	16	10		2.73			0.79		>200	>200	500	✓	0.62			
14L2	DOOR ACCESS	A	E	1	2.5	1.5	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.18		>200	>200	500	✓	0.23	19		
14L3	RECEPTION DB	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.05		>200	>200	500	✓	0.08	19	✓	

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB1-UGF **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: SERVICES CUPBOARD UGF Signature: _____ Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (_____) Nominal voltage: (400 _____) V No. of phases: (3 _____)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (200 _____) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes _____) Phase sequence confirmed (where appropriate): True Z_s (0.04 _____) Ω I_{Δf} (10 _____) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: _____ Continuity: _____
(514570910 _____) _____

Insulation resistance: _____ Earth fault loop impedance: _____
(_____) _____

Earth electrode resistance: _____ RCD: _____
(_____) _____

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons	
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD		AFDD	
		Live (mm ²)	cpc (mm ²)			Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	Live / Live (MΩ)	Live / Earth (MΩ)						Test voltage DC (V)
15L1	KITCHEN 3	A	E	1	16	10	0.4	61009 RCD/RCBO	B	45	10	30	0.97			0.04		>200	>200	500	✓	0.09	21	✓	
15L2	KITCHEN 5	A	E	1	16	10	0.4	61009 RCD/RCBO	B	45	10	30	0.97			0.16		>200	>200	500	✓	0.20	19	✓	
15L3	KITCHEN 6	A	E	1	16	10	0.4	61009 RCD/RCBO	B	45	10	30	0.97			0.08		>200	>200	500	✓	0.12	19	✓	
16L1	CL4-1	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.08		>200	>200	500	✓	0.12	21	✓	
16L2	CL4-2	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.08		>200	>200	500	✓	0.12	21	✓	
16L3	CL4-3	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.12		>200	>200	500	✓	0.17	21	✓	
17L1	CL4-4	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.12		>200	>200	500	✓	0.17	24	✓	
17L2	CL5-1a	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.18		>200	>200	500	✓	0.22	21	✓	
17L3	CL5-2a	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.08		>200	>200	500	✓	0.21	21	✓	
18L1	CL5-3a	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.19		>200	>200	500	✓	0.23	21	✓	
18L2	CL5-4a	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.20		>200	>200	500	✓	0.24	21	✓	
18L3	CL5-5a	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.22		>200	>200	500	✓	0.26	21	✓	
19L1	CL5-6a	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.24		>200	>200	500	✓	0.28	20	✓	
19L2	CL6-1b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.27		>200	>200	500	✓	0.31	21	✓	
19L3	CL6-2b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.29		>200	>200	500	✓	0.33	21	✓	
20L1	CL6-3b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.29		>200	>200	500	✓	0.33	21	✓	
20L2	CL6-4b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.32		>200	>200	500	✓	0.37	21	✓	
20L3	CL6-5b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.32		>200	>200	500	✓	0.37	27	✓	
21L1	CL6-6b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.29		>200	>200	500	✓	0.33	20	✓	
21L2	CL6-7b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.30		>200	>200	500	✓	0.34	22	✓	
21L3	CL6-8b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.16		>200	>200	500	✓	0.20	17	✓	

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB1-UGF **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: SERVICES CUPBOARD UGF Signature: _____ Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (_____) Nominal voltage: (400 _____) V No. of phases: (3 _____)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (200 _____) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes _____) Phase sequence confirmed (where appropriate): True Z_s (0.04 _____) Ω I_{Δf} (10 _____) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: _____ Continuity: _____
(514570910 _____) _____

Insulation resistance: _____ Earth fault loop impedance: _____
(_____) _____

Earth electrode resistance: _____ RCD: _____
(_____) _____

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
22L1	CL6-9b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.12		>200	>200	500	✓	0.16	21	✓	
22L2	CL6-10b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.26		>200	>200	500	✓	0.30	22	✓	
22L3	RM 11	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.28		>200	>200	500	✓	0.32	24	✓	
23L1	RM 12	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.16		>200	>200	500	✓	0.20	15	✓	
23L2	RM 13	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.12		>200	>200	500	✓	0.16	19	✓	
23L3	RM 14	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.11		>200	>200	500	✓	0.15	19	✓	
24L1	RM 15	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.17		>200	>200	500	✓	0.21	15	✓	
24L2	RM 16	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.14		>200	>200	500	✓	0.17	20	✓	
24L3	RM 17	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.09		>200	>200	500	✓	0.13	15	✓	

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB1-UGF **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: SERVICES CUPBOARD UGF Signature: _____ Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (_____) Nominal voltage: (400 _____) V No. of phases: (3 _____)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB _____) Rating: (200 _____) A
Associated RCD (if any) Type: (BS EN N/A _____) No. of poles: (N/A _____) I_{Δn} (N/A _____) mA Operating time: (N/A _____) ms
Characteristics at this DB Confirmation of supply polarity: (Yes _____) Phase sequence confirmed (where appropriate): True Z_s (0.04 _____) Ω I_{Δf} (10 _____) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: _____ Continuity: _____
 (514570910 _____) _____
 Insulation resistance: _____ Earth fault loop impedance: _____
 (_____) _____
 Earth electrode resistance: _____ RCD: _____
 (_____) _____

ELECTRICAL INSTALLATION CERTIFICATE

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)			BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1L1																											
1L2																											
1L3																											
2L1																											
2L2																											
2L3																											
3L1																											
3L2	MAGLOCKS	A	E		2.5	1.5	0.4	61009 RCD/RCBO	B	16	10	30	2.73					>200	>200	500	✓						
3L3	LINEN ROOM	A	E	1	16	10	0.4	61009 RCD/RCBO	B	45	10	30	0.97			0.01		>200	>200	500	✓	0.07	20		✓		
4L1	KITCHEN 11	A	E	1	16	10	0.4	61009 RCD/RCBO	B	45	10	30	0.97			0.02		>200	>200	500	✓	0.07	19		✓		
4L2	KITCHEN 12	A	E	1	16	10	0.4	61009 RCD/RCBO	B	45	10	30	0.97			0.21		>200	>200	500	✓	0.27	19		✓		
4L3	APARTMENT 1d	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.27		>200	>200	500	✓	0.33	22		✓		
5L1	APARTMENT 2d	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09					>200	>200	500	✓						
5L2	APARTMENT 3d	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.31		>200	>200	500	✓	0.32	22		✓		
5L3	APARTMENT 4d	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.33		>200	>200	500	✓	0.39	21		✓		
6L1	APARTMENT 5d	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.32		>200	>200	500	✓	0.38	21		✓		
6L2	APARTMENT 6d	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.36		>200	>200	500	✓	0.42	21		✓		
6L3	APARTMENT 1b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.50		>200	>200	500	✓	0.56	21		✓		
7L1	APARTMENT 2b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.50		>200	>200	500	✓	0.56	21		✓		
7L2	APARTMENT 3b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.48		>200	>200	500	✓	0.54	21		✓		
7L3	APARTMENT 4b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.44		>200	>200	500	✓	0.50	23		✓		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB2-L1 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: SERVICES CUPBOARD LEVEL 1 Signature: _____ Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (_____) Nominal voltage: (400 _____) V No. of phases: (3 _____)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (200 _____) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes _____) Phase sequence confirmed (where appropriate): Z_s (0.06 _____) Ω I_{Δf} (4.88 _____) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910 _____) Continuity: (_____)

Insulation resistance: (_____) Earth fault loop impedance: (_____)

Earth electrode resistance: (_____) RCD: (_____)

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons	
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)		RCD	AFDD
		Live (mm ²)	cpc (mm ²)			BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)					
8L1	APARTMENT 5b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.43		>200	>200	500	✓	0.49	21	✓	
8L2	APARTMENT 6c	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.47		>200	>200	500	✓	0.52	21	✓	
8L3	APARTMENT 7c	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.45		>200	>200	500	✓	0.51	22	✓	
9L1	APARTMENT 8c	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.46		>200	>200	500	✓	0.52	23	✓	
9L2	APARTMENT 9c	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.42		>200	>200	500	✓	0.48	22	✓	
9L3	APARTMENT 10c	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.39		>200	>200	500	✓	0.45	23	✓	
10L1	RM 34	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.21		>200	>200	500	✓	0.27	22	✓	
10L2	RM 35	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.18		>200	>200	500	✓	0.24	22	✓	
10L3	RM 36	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.18		>200	>200	500	✓	0.24	21	✓	
11L1	RM 37	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.17		>200	>200	500	✓	0.23	15	✓	
11L2	RM 38	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.29		>200	>200	500	✓	0.35	21	✓	
11L3	RM 39	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.20		>200	>200	500	✓	0.26	21	✓	
12L1	RM 40	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.15		>200	>200	500	✓	0.21	15	✓	
12L2	RM 41	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.19		>200	>200	500	✓	0.25	15	✓	
12L3	RM 42	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.14		>200	>200	500	✓	0.25	15	✓	
13L1																									
13L2																									
13L3																									
14L1	MAG LOCKS	A	E		2.5	1.5	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.10		>200	>200	500	✓	0.16	21	✓	
14L2	KITCHEN 8	A	E	1	16	1.5	0.4	61009 RCD/RCBO	B	45	10	30	0.97			0.07		>200	>200	500	✓	0.11	13	✓	
14L3	KITCHEN 9	A	E	1	16	6	0.4	61009 RCD/RCBO	B	45	10	30	0.97			0.01		>200	>200	500	✓	0.05	16	✓	

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB2-L1 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: SERVICES CUPBOARD LEVEL 1 Signature: _____ Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (_____) Nominal voltage: (400 _____) V No. of phases: (3 _____)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (200 _____) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes _____) Phase sequence confirmed (where appropriate): True Z_s (0.06 _____) Ω I_{Δf} (4.88 _____) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: _____ Continuity: _____
(514570910 _____) _____

Insulation resistance: _____ Earth fault loop impedance: _____
(_____) _____

Earth electrode resistance: _____ RCD: _____
(_____) _____

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live / Live / Earth / Test voltage DC (MΩ) (MΩ) (V)	Polarity		Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)			BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
15L1	KITCHEN 10	A	E	1	16	10	0.4	61009 RCD/RCBO	B	45	10	30	0.97			0.11		>200	>200	500	✓	0.17	20	✓		
15L2	APARTMENT 1	A	E	1	16	10	0.4	61009 RCD/RCBO	B	45	10	30	0.97			0.06		>200	>200	500	✓	0.12	16	✓		
15L3	APARTMENT 2	A	E	1	16	10	0.4	61009 RCD/RCBO	B	45	10	30	0.97			0.06		>200	>200	500	✓	0.12	16	✓		
16L1	APARTMENT 3	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.09		>200	>200	500	✓	0.15	21	✓		
16L2	APARTMENT 4	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.08		>200	>200	500	✓	0.14	20	✓		
16L3	APARTMENT 5	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.10		>200	>200	500	✓	0.16	16	✓		
17L1	APARTMENT 6	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.11		>200	>200	500	✓	0.17	22	✓		
17L2	APARTMENT 1/a	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.15		>200	>200	500	✓	0.21	20	✓		
17L3	APARTMENT 2/a	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.17		>200	>200	500	✓	0.23	21	✓		
18L1	APARTMENT 3/a	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.22		>200	>200	500	✓	0.28	20	✓		
18L2	APARTMENT 4/a	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.19		>200	>200	500	✓	0.25	21	✓		
18L3	APARTMENT 5/a	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.21		>200	>200	500	✓	0.27	21	✓		
19L1	APARTMENT 6/a	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.22		>200	>200	500	✓	0.28	21	✓		
19L2	APARTMENT 1/b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.17		>200	>200	500	✓	0.23	20	✓		
19L3	APARTMENT 2/b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.23		>200	>200	500	✓	0.29	21	✓		
20L1	APARTMENT 3/b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.28		>200	>200	500	✓	0.34	21	✓		
20L2	APARTMENT 4/b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.24		>200	>200	500	✓	0.30	21	✓		
20L3	APARTMENT 5/b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.29		>200	>200	500	✓	0.35	27	✓		
21L1	APARTMENT 6/b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.29		>200	>200	500	✓	0.35	21	✓		
21L2	APARTMENT 7/b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.28		>200	>200	500	✓	0.34	20	✓		
21L3	APARTMENT 8/b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.27		>200	>200	500	✓	0.33	15	✓		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)	DB designation: <u>DB2-L1</u>	TESTED BY Name (capitals): <u>RICK HARRIS</u>	Position: <u>ELECTRICIAN</u>
	Location of DB: <u>SERVICES CUPBOARD LEVEL 1</u>		Signature: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: () Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (200) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.06) Ω Z_f (4.88) kA

TEST INSTRUMENTS
(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)			Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂										
22L1	APARTMENT 9/b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.26		>200	>200	500	✓	0.32	20	✓		
22L2	APARTMENT 10/b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.24		>200	>200	500	✓	0.29	28	✓		
22L3	RM 27	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.29		>200	>200	500	✓	0.35	20	✓		
23L1	RM 28	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.14		>200	>200	500	✓	0.20	19	✓		
23L2	RM 29	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.12		>200	>200	500	✓	0.18	19	✓		
23L3	RM 30	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.17		>200	>200	500	✓	0.23	20	✓		
24L1	RM 31	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.08		>200	>200	500	✓	0.14	19	✓		
24L2	RM 32	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.05		>200	>200	500	✓	0.09	17	✓		
24L3	RM 33	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.07		>200	>200	500	✓	0.11	16	✓		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB2-L1
Location of DB: SERVICES CUPBOARD LEVEL 1

TESTED BY

Name (capitals): RICK HARRIS
Signature: _____
Position: ELECTRICIAN
Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (400.....)V No. of phases: (3.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB.....) Rating: (200.....)A
Associated RCD (if any) Type: (BS EN N/A.....) No. of poles: (N/A.....) I_{Δn} (N/A.....)mA Operating time: (N/A.....)ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): True Z_s (0.06.....)Ω I_{Δf} (4.88.....)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910.....) Continuity: (.....)
Insulation resistance: (.....) Earth fault loop impedance: (.....)
Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live		Live / Earth	Test voltage DC	Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
								(A)		(kA)											(ms)						
1L1																											
1L2																											
1L3																											
2L1																											
2L2																											
2L3																											
3L1																											
3L2																											
3L3																											
4L1																											
4L2																											
4L3																											
5L1																											
5L2	Door control & intruder	A	E	3	2.5	1.5	0.4	60898 MCB	B	16	10	30	2.73				0.23	>200	>200	500	✓	0.29					
5L3	Maglock East Corridor	A	E	1	2.5	1.5	0.4	60898 MCB	B	16	10	30	2.73				0.59	>200	>200	500	✓	0.65					
6L1	Heater control spur	A	E	2	2.5	1.5	0.4	60898 MCB	B	16	10	30	2.73				0.23	>200	>200	500	✓	0.29	19	✓			
6L2	East corridor lights	A	E	44	1.5	1	0.4	61009 RCD/RCBO	B	10	10	30	4.37				1.13	>200	>200	500	✓	1.19	17	✓			
6L3	East corridor power	A	E	3	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.72	0.73	1.20	0.49	>200	>200	500	✓	0.59	19	✓			
7L1	RM 50	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.11	>200	>200	500	✓	0.17	20	✓			
7L2	RM 51	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.08	>200	>200	500	✓	0.12	16	✓			
7L3	RM 52	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.08	>200	>200	500	✓	0.14	16	✓			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB3-L2 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: SERVICES CUPBOARD LEVEL 2 Signature: _____ Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (_____) Nominal voltage: (400 _____) V No. of phases: (3 _____)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (200 _____) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A _____) I_{Δn} (N/A _____) mA Operating time: (N/A _____) ms

Characteristics at this DB Confirmation of supply polarity: (Yes _____) Phase sequence confirmed (where appropriate): Z_s (0.06 _____) Ω I_{Δf} (4.87 _____) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: _____ Continuity: _____
 (514570910 _____) (_____)

Insulation resistance: _____ Earth fault loop impedance: _____
 (_____) (_____)

Earth electrode resistance: _____ RCD: _____
 (_____) (_____)

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons	
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)		RCD	AFDD
		Live (mm ²)	cpc (mm ²)			BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)					
8L1	RM 53	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.09		>200	>200	500	✓	0.15	16	✓	
8L2	RM 54	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.10		>200	>200	500	✓	0.18	20	✓	
8L3	RM 55	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.10		>200	>200	500	✓	0.16	18	✓	
9L1	RM 56	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.10		>200	>200	500	✓	0.16	20	✓	
9L2	RM 57	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.13		>200	>200	500	✓	0.19	16	✓	
9L3	RM 58	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.20		>200	>200	500	✓	0.26	16	✓	
10L1	RM 59	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.26		>200	>200	500	✓	0.32	20	✓	
10L2	RM 60	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.26		>200	>200	500	✓	0.32	20	✓	
10L3	RM 61	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.26		>200	>200	500	✓	0.32	19	✓	
11L1	RM 62	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.20		>200	>200	500	✓	0.26	15	✓	
11L2	RM 63	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.19		>200	>200	500	✓	0.25	19	✓	
11L3	RM 64	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.06		>200	>200	500	✓	0.12	20	✓	
12L1	RM 65	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.12		>200	>200	500	✓	0.18	22	✓	
12L2	RM 66	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.11		>200	>200	500	✓	0.17	19	✓	
12L3	RM 67	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.10		>200	>200	500	✓	0.16	19	✓	
13L1	MAG LOCKS NORTH CORRIDOR	A	E	1	2.5	1.5	0.4	60898 MCB	B	16	10		2.73			0.51		>200	>200	500	✓	0.57			
13L2	NORTH CORRIDOR LIGHTS	A	E	59	1.5	1	0.4	61009 RCD/RCBO	B	10	10	30	4.37			2.12		>200	>200	500	✓	2.18	19	✓	
13L3	NORTH CORRIDOR 'A' LIGHTS	A	E	29	1.5	1	0.4	61009 RCD/RCBO	B	10	10	30	4.37			1.16		>200	>200	500	✓	1.22	15	✓	
14L1	NORTH CORRIDOR POWER	A	E	6	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.96	0.96	1.61	0.49	>200	>200	500	✓	0.77	19	✓	
14L2	KITCHEN 13	A	E	1	16	10	0.4	61009 RCD/RCBO	B	45	10	30	0.97			0.05		>200	>200	500	✓	0.08	15	✓	
14L3	KITCHEN 14	A	E	1	16	10	0.4	61009 RCD/RCBO	B	45	10	30	0.97			0.11		>200	>200	500	✓	0.17	17	✓	

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB3-L2 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: SERVICES CUPBOARD LEVEL 2 Signature: _____ Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (_____) Nominal voltage: (400 _____) V No. of phases: (3 _____)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (200 _____) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes _____) Phase sequence confirmed (where appropriate): True Z_s (0.06 _____) Ω I_{Δf} (4.87 _____) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: _____ Continuity: _____
 (514570910 _____) _____

Insulation resistance: _____ Earth fault loop impedance: _____
 (_____) _____

Earth electrode resistance: _____ RCD: _____
 (_____) _____

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons	
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live / Live / Earth / Test voltage DC (MΩ) (MΩ) (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)		RCD	AFDD
		Live (mm ²)	cpc (mm ²)			Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)						
15L1	KITCHEN 15	A	E	1	16	10	0.4	61009 RCD/RCBO	B	45	10	30	0.97			0.12		>200	>200	500	✓	0.18	15	✓	
15L2	APARTMENT 1	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.08		>200	>200	500	✓	0.14	20	✓	
15L3	APARTMENT 2	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.06		>200	>200	500	✓	0.11	22	✓	
16L1	APARTMENT 3	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.09		>200	>200	500	✓	0.14	22	✓	
16L2	APARTMENT 4	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.09		>200	>200	500	✓	0.15	16	✓	
16L3	APARTMENT 5	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.15		>200	>200	500	✓	0.20	21	✓	
17L1	APARTMENT 6	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.05		>200	>200	500	✓	0.11	28	✓	
17L2	APARTMENT 1/a	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.15		>200	>200	500	✓	0.21	21	✓	
17L3	APARTMENT 2/a	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.16		>200	>200	500	✓	0.22	16	✓	
18L1	APARTMENT 3/a	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.19		>200	>200	500	✓	0.24	20	✓	
18L2	APARTMENT 4/a	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.19		>200	>200	500	✓	0.25	22	✓	
18L3	APARTMENT 5/a	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.20		>200	>200	500	✓	0.26	21	✓	
19L1	APARTMENT 6/a	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.20		>200	>200	500	✓	0.26	21	✓	
19L2	APARTMENT 1/b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.38		>200	>200	500	✓	0.44	21	✓	
19L3	APARTMENT 2/b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.39		>200	>200	500	✓	0.45	23	✓	
20L1	APARTMENT 3/b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.43		>200	>200	500	✓	0.49	22	✓	
20L2	APARTMENT 4/b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.41		>200	>200	500	✓	0.46	22	✓	
20L3	APARTMENT 5/b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.41		>200	>200	500	✓	0.47	21	✓	
21L1	APARTMENT 6/b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.41		>200	>200	500	✓	0.47	21	✓	
21L2	APARTMENT 7/b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.38		>200	>200	500	✓	0.44	22	✓	
21L3	APARTMENT 8/b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.40		>200	>200	500	✓	0.46	22	✓	

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB3-L2 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: SERVICES CUPBOARD LEVEL 2 Signature: _____ Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (_____) Nominal voltage: (400 _____) V No. of phases: (3 _____)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (200 _____) A
Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
Characteristics at this DB Confirmation of supply polarity: (Yes _____) Phase sequence confirmed (where appropriate): True Z_s (0.06 _____) Ω Z_f (4.87 _____) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910 _____) Continuity: (_____)
 Insulation resistance: (_____) Earth fault loop impedance: (_____)
 Earth electrode resistance: (_____) RCD: (_____)

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)			Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂										
22L1	APARTMENT 9/b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.22		>200	>200	500	✓	0.28	22	✓		
22L2	APARTMENT 10/b	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.35		>200	>200	500	✓	0.41	22	✓		
22L3	RM 43	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.26		>200	>200	500	✓	0.31	20	✓		
23L1	RM 44	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.22		>200	>200	500	✓	0.28	22	✓		
23L2	RM 45	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.11		>200	>200	500	✓	0.17	19	✓		
23L3	RM 46	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.13		>200	>200	500	✓	0.19	15	✓		
24L1	RM 47	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.10		>200	>200	500	✓	0.16	15	✓		
24L2	RM 48	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.09		>200	>200	500	✓	0.15	16	✓		
24L3	RM 49	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.09		>200	>200	500	✓	0.15	20	✓		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB3-L2
Location of DB: SERVICES CUPBOARD LEVEL 2

TESTED BY

Name (capitals): RICK HARRIS
Signature: _____
Position: ELECTRICIAN
Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (400.....)V No. of phases: (3.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB.....) Rating: (200.....)A
Associated RCD (if any) Type: (BS EN N/A.....) No. of poles: (N/A.....) I_{Δn} (N/A.....)mA Operating time: (N/A.....)ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): True Z_s (0.06.....)Ω Z_{pf} (4.87.....)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910.....) Continuity: (.....)
Insulation resistance: (.....) Earth fault loop impedance: (.....)
Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)				Live / Live	Live / Earth	Test voltage DC	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
		(s)	(A)				(kA)	(mA)		(Ω)	(r ₁)	(r _n)	(r ₂)			(R ₁ +R ₂)	(R ₂)	(MΩ)	(MΩ)	(V)	(ms)								
1L1																													
1L2																													
1L3																													
2L1																													
2L2																													
2L3																													
3L1																													
3L2																													
3L3																													
4L1																													
4L2																													
4L3																													
5L1																													
5L2	DOOR CONTROL & INTRUDER	A	E	2	2.5	1.5	0.4	60898 MCB	B	16	10	30	2.73					0.36	>200	>200	500	✓	0.41						
5L3	EAST CORRIDOR MAGLOCK	A	E	1	2.5	1.5	0.4	60898 MCB	B	16	10	30	2.73					0.45	>200	>200	500	✓	0.53						
6L1	HEATER CONTROL PANEL	A	E	1	2.5	1.5	0.4	61009 RCD/RCBO	B	16	10	30	2.73					0.07	>200	>200	500	✓	0.12	19		✓			
6L2	EAST CORRIDOR LIGHTING	A	E	34	1.5	1	0.4	61009 RCD/RCBO	B	10	10	30	4.37					1.14	>200	>200	500	✓	1.22	20		✓			
6L3	EAST CORRIDOR POWER	A	E	5	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	0.75	0.74	1.21	0.65	>200	>200	500	✓	0.87	21		✓				
7L1	RM 92	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09					0.10	>200	>200	500	✓	0.15	22		✓			
7L2	RM 93	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09					0.15	>200	>200	500	✓	0.19	21		✓			
7L3	RM 94	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09					0.23	>200	>200	500	✓	0.27	21		✓			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB4-L3 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: SERVICES CUPBOARD LEVEL 3 Signature: _____ Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (_____) Nominal voltage: (400 _____) V No. of phases: (3 _____)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (200 _____) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes _____) Phase sequence confirmed (where appropriate): Z_s (0.05 _____) Ω I_{Δf} (4.86 _____) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910 _____) Continuity: (_____)

Insulation resistance: (_____) Earth fault loop impedance: (_____)

Earth electrode resistance: (_____) RCD: (_____)

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(I) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)			BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂											
8L1	RM 95	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.21		>200	>200	500	✓	0.26	15	✓			
8L2	RM 96	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.16		>200	>200	500	✓	0.22	23	✓			
8L3	RM 97	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.20		>200	>200	500	✓	0.25	16	✓			
9L1	RM 98	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.25		>200	>200	500	✓	0.29	18	✓			
9L2	RM 99	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.35		>200	>200	500	✓	0.40	20	✓			
9L3	RM 100	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.28		>200	>200	500	✓	0.34	20	✓			
10L1	RM 101	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.42		>200	>200	500	✓	0.46	20	✓			
10L2	RM 102	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.36		>200	>200	500	✓	0.41	21	✓			
10L3	RM 103	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.36		>200	>200	500	✓	0.41	20	✓			
11L1	RM 104	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.35		>200	>200	500	✓	0.40	26	✓			
11L2	RM 105	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.32		>200	>200	500	✓	0.37	20	✓			
11L3	RM 106	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.30		>200	>200	500	✓	0.35	20	✓			
12L1	RM 107	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.24		>200	>200	500	✓	0.30	38	✓			
12L2	RM 108	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.26		>200	>200	500	✓	0.32	37	✓			
12L3	RM 109	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.27		>200	>200	500	✓	0.33	39	✓			
13L1																												
13L2																												
13L3																												
14L1																												
14L2																												
14L3																												

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB4-L3
 Location of DB: SERVICES CUPBOARD LEVEL 3

TESTED BY Name (capitals): RICK HARRIS
 Signature: _____

Position: ELECTRICIAN
 Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: () Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (200) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.05) Ω Z_f (4.86) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live / Earth (MΩ) (MΩ) (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)		RCD	AFDD		
		Live (mm ²)	cpc (mm ²)			Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)							(V)	
15L1	NORTH CORRIDOR MAGLOCK	A	E	1	2.5	1.5	0.4	60898	MCB	B	16	10	30	2.73				0.43		>200	>200	500	✓	0.53			
15L2	NORTH CORRIDOR LIGHTING	A	E	47	1.5	1	0.4	61009	RCD/RCBO	B	10	10	30	4.37				1.31		>200	>200	500	✓	1.41	20	✓	
15L3	NORTH CORRIDOR POWER	A	E	5	2.5	1.5	0.4	61009	RCD/RCBO	B	32	10	30	1.37	0.63	0.63	1.10	0.49		>200	>200	500	✓	0.75	19	✓	
16L1																											
16L2																											
16L3																											
17L1	RM 68	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.03		>200	>200	500	✓	0.09	16	✓	
17L2	RM 69	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.05		>200	>200	500	✓	0.12	22	✓	
17L3	RM 70	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.07		>200	>200	500	✓	0.12	16	✓	
18L1	RM 71	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.05		>200	>200	500	✓	0.09	20	✓	
18L2	RM 72	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.11		>200	>200	500	✓	0.16	15	✓	
18L3	RM 73	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.09		>200	>200	500	✓	0.14	16	✓	
19L1	RM 74	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.15		>200	>200	500	✓	0.21	20	✓	
19L2	RM 75	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.09		>200	>200	500	✓	0.14	19	✓	
19L3	RM 76	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.11		>200	>200	500	✓	0.17	20	✓	
20L1	RM 77	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.20		>200	>200	500	✓	0.27	23	✓	
20L2	RM 78	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.21		>200	>200	500	✓	0.28	15	✓	
20L3	RM 79	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.27		>200	>200	500	✓	0.33	23	✓	
21L1	RM 80	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.27		>200	>200	500	✓	0.32	23	✓	
21L2	RM 81	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.21		>200	>200	500	✓	0.28	15	✓	
21L3	RM 82	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.20		>200	>200	500	✓	0.25	19	✓	

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB4-L3 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: SERVICES CUPBOARD LEVEL 3 Signature: _____ Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (_____) Nominal voltage: (400 _____) V No. of phases: (3 _____)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (200 _____) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A _____) I_{Δn} (N/A _____) mA Operating time: (N/A _____) ms

Characteristics at this DB Confirmation of supply polarity: (Yes _____) Phase sequence confirmed (where appropriate): True Z_s (0.05 _____) Ω I_{Δf} (4.86 _____) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910 _____) Continuity: (_____)
 Insulation resistance: (_____) Earth fault loop impedance: (_____)
 Earth electrode resistance: (_____) RCD: (_____)

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD		AFDD			
		Live (mm ²)	cpc (mm ²)			Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	Live / Live (MΩ)	Live / Earth (MΩ)						Test voltage DC (V)		
22L1	RM 83	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.20		>200	>200	500	✓	0.26	21	✓		
22L2	RM 84	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.20		>200	>200	500	✓	0.26	21	✓		
22L3	RM 85	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.15		>200	>200	500	✓	0.20	15	✓		
23L1	RM 86	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.15		>200	>200	500	✓	0.20	20	✓		
23L2	RM 87	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.09		>200	>200	500	✓	0.14	15	✓		
23L3	RM 88	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.09		>200	>200	500	✓	0.15	16	✓		
24L1	RM 89	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.07		>200	>200	500	✓	0.13	20	✓		
24L2	RM 90	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.07		>200	>200	500	✓	0.12	20			
24L3																											

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB4-L3 Location of DB: SERVICES CUPBOARD LEVEL 3 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN Signature: _____ Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (400.....)V No. of phases: (3.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB.....) Rating: (200.....)A
Associated RCD (if any) Type: (BS EN N/A.....) No. of poles: (N/A.....) I_{Δn} (N/A.....)mA Operating time: (N/A.....)ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): True Z_s (0.05.....)Ω I_{Δf} (4.86.....)kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)				Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm²)	cpc (mm²)			BS (EN)	Type		Rating	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂										
1L1																											
1L2																											
1L3																											
2L1																											
2L2																											
2L3																											
3L1																											
3L2																											
3L3																											
4L1																											
4L2																											
4L3																											
5L1																											
5L2																											
5L3																											
6L1																											
6L2																											
6L3	RM 152		A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.06	>200	>200	500	✓	0.10	16		✓		
7L1	RM 151		A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.15	>200	>200	500	✓	0.20	19		✓		
7L2	RM 150		A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.11	>200	>200	500	✓	0.16	16		✓		
7L3	RM 149		A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.17	>200	>200	500	✓	0.22	16		✓		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB5-L4 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: SERVICES CUPBOARD LEVEL 4 Signature: _____ Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (400.....)V No. of phases: (3.....)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB.....) Rating: (200.....)A

Associated RCD (if any) Type: (BS EN N/A.....) No. of poles: (N/A.....) I_{Δn} (N/A.....)mA Operating time: (N/A.....)ms

Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.04.....)Ω I_{Δf} (4.8.....)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910.....) Continuity: (.....)

Insulation resistance: (.....) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	(A) Thermoplastic insulated / sheathed cables		(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit		(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking		(F) Thermoplastic / SWA cables		(G) Thermosetting / SWA cables		(H) Mineral-insulated cables		(I) other - state		RCD operating time (ms)	Test buttons					
		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)		Live / Earth (MΩ)					Test voltage DC (V)
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
8L1	RM 148	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.22	>200	>200	500	✓	0.26	16	✓	
8L2	RM 147	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.12	>200	>200	500	✓	0.16	15	✓	
8L3	RM 146	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.27	>200	>200	500	✓	0.32	16	✓	
9L1	RM 145	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.26	>200	>200	500	✓	0.30	15	✓	
9L2	RM 144	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.30	>200	>200	500	✓	0.34	21	✓	
9L3	RM 143	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.30	>200	>200	500	✓	0.35	21	✓	
10L1	RM 141	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.14	>200	>200	500	✓	0.18	22	✓	
10L2	RM 142	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.30	>200	>200	500	✓	0.35	20	✓	
10L3	RM 140	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.27	>200	>200	500	✓	0.31	19	✓	
11L1	RM 139	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.25	>200	>200	500	✓	0.30	18	✓	
11L2	RM 138	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.21	>200	>200	500	✓	0.26	15	✓	
11L3	RM 137	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.13	>200	>200	500	✓	0.17	20	✓	
12L1	RM 136	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.18	>200	>200	500	✓	0.22	20	✓	
12L2	RM 135	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.09	>200	>200	500	✓	0.13	19	✓	
12L3	RM 134	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.12	>200	>200	500	✓	0.17	19	✓	
13L1																										
13L2																										
13L3																										
14L1																										
14L2																										
14L3																										

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB5-L4 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: SERVICES CUPBOARD LEVEL 4 Signature: _____ Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (_____) Nominal voltage: (400 _____) V No. of phases: (3 _____)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (200 _____) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes _____) Phase sequence confirmed (where appropriate): True Z_s (0.04 _____) Ω I_{Δf} (4.8 _____) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: _____ Continuity: _____
(514570910 _____) _____

Insulation resistance: _____ Earth fault loop impedance: _____
(_____) _____

Earth electrode resistance: _____ RCD: _____
(_____) _____

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live / Earth (MΩ) (MΩ) (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)		RCD	AFDD			
		Live (mm ²)	cpc (mm ²)			Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)							(V)		
15L1	MAGLOCK SPUR	A	E	1	2.5	1.5	0.4	60898	MCB	B	16	10	30	2.73														
15L2	DOOR CONTROL SPURS	A	E	1	2.5	1.5	0.4	61009	RCD/RCBO	B	16	10	30	2.73														
15L3	CORRIDOR LIGHTS	A	E	1	1.5	1	0.4	61009	RCD/RCBO	B	10	10	30	4.37				0.52		>200	>200	500	✓	0.56				
16L1	CORRIDOR SOCKETS	A	E	1	2.5	1.5	0.4	61009	RCD/RCBO	B	16	10	30	2.73				0.23		>200	>200	500	✓	0.27	20	✓		
16L2																		1.83		>200	>200	500	✓	1.87	21	✓		
16L3															0.67	0.68	1.14	0.46		>200	>200	500	✓	0.71	19	✓		
17L1	RM 110	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.05		>200	>200	500	✓	0.09	15	✓		
17L2	RM 111	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.06		>200	>200	500	✓	0.10	21	✓		
17L3	RM 112	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.06		>200	>200	500	✓	0.12	15	✓		
18L1	RM 113	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.06		>200	>200	500	✓	0.14	21	✓		
18L2	RM 115	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.10		>200	>200	500	✓	0.15	19	✓		
18L3	RM 114	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.15		>200	>200	500	✓	0.19	20	✓		
19L1	RM 116	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.16		>200	>200	500	✓	0.21	20	✓		
19L2	RM 117	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.19		>200	>200	500	✓	0.23	19	✓		
19L3	RM 118	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.20		>200	>200	500	✓	0.24	19	✓		
20L1	RM 119	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.24		>200	>200	500	✓	0.28	26	✓		
20L2	RM 120	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.25		>200	>200	500	✓	0.30	20	✓		
20L3	RM 121	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.31		>200	>200	500	✓	0.36	19	✓		
21L1	RM 122	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.26		>200	>200	500	✓	0.31	24	✓		
21L2	RM 123	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.25		>200	>200	500	✓	0.30	19	✓		
21L3	RM 124	A	E	1	10	6	0.4	61009	RCD/RCBO	B	40	10	30	1.09				0.23		>200	>200	500	✓	0.28	19	✓		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB5-L4 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: SERVICES CUPBOARD LEVEL 4 Signature: _____ Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (_____) Nominal voltage: (400 _____) V No. of phases: (3 _____)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB _____) Rating: (200 _____) A

Associated RCD (if any) Type: (BS EN N/A _____) No. of poles: (N/A _____) I_{Δn} (N/A _____) mA Operating time: (N/A _____) ms

Characteristics at this DB Confirmation of supply polarity: (Yes _____) Phase sequence confirmed (where appropriate): True Z_s (0.04 _____) Ω I_{Δf} (4.8 _____) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910 _____) Continuity: (_____)
 Insulation resistance: (_____) Earth fault loop impedance: (_____)
 Earth electrode resistance: (_____) RCD: (_____)

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
22L1	RM 125	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.17		>200	>200	500	✓	0.21	22	✓	
22L2	RM 126	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.19		>200	>200	500	✓	0.23	17	✓	
22L3	RM 127	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.20		>200	>200	500	✓	0.25	19	✓	
23L1	RM 128	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.14		>200	>200	500	✓	0.18	20	✓	
23L2	RM 129	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.15		>200	>200	500	✓	0.19	19	✓	
23L3	RM 130	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.12		>200	>200	500	✓	0.17	22	✓	
24L1	RM 131	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.12		>200	>200	500	✓	0.16	20	✓	
24L2	RM 132	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.07		>200	>200	500	✓	0.11	22	✓	
24L3	RM 133	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.03		>200	>200	500	✓	0.08	21	✓	

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB5-L4
Location of DB: SERVICES CUPBOARD LEVEL 4

TESTED BY

Name (capitals): RICK HARRIS
Signature: _____
Position: ELECTRICIAN
Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (400.....)V No. of phases: (3.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB.....) Rating: (200.....)A
Associated RCD (if any) Type: (BS EN N/A.....) No. of poles: (N/A.....) I_{Δn} (N/A.....)mA Operating time: (N/A.....)ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): True Z_s (0.04.....)Ω Z_{pf} (4.8.....)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910.....) Continuity: (.....)
Insulation resistance: (.....) Earth fault loop impedance: (.....)
Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1L1																											
1L2																											
1L3																											
2L1																											
2L2																											
2L3																											
3L1																											
3L2	MAGLOCKS	A	E			2.5	1.5	0.4	61009 RCD/RCBO	B	16	10	30	2.73							>200	>200	500	✓			
3L3	LINEN ROOM	A	E	1		16	10	0.4	61009 RCD/RCBO	B	45	10	30	0.97							>200	>200	500	✓			
4L1	KITCHEN 7	A	E	1		16	10	0.4	61009 RCD/RCBO	B	45	10	30	0.97							>200	>200	500	✓			
4L2	KITCHEN 8	A	E	1		16	10	0.4	61009 RCD/RCBO	B	45	10	30	0.97							>200	>200	500	✓			
4L3	CL7-1	A	E	1		10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09							>200	>200	500	✓			
5L1	CL7-2	A	E	1		10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09							>200	>200	500	✓			
5L2	CL7-3	A	E	1		10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09							>200	>200	500	✓			
5L3	CL7-4	A	E	1		10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09							>200	>200	500	✓			
6L1	CL7-5	A	E	1		10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09							>200	>200	500	✓			
6L2	CL7-6	A	E	1		10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09							>200	>200	500	✓			
6L3	CL8-1	A	E	1		10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09							>200	>200	500	✓			
7L1	CL8-2	A	E	1		10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09							>200	>200	500	✓			
7L2	CL8-3	A	E	1		10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09							>200	>200	500	✓			
7L3	CL8-4	A	E	1		10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09							>200	>200	500	✓			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB6-L5 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: SERVICES CUPBOARD LEVEL 5 Signature: _____ Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (400.....)V No. of phases: (3.....)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB.....) Rating: (200.....)A

Associated RCD (if any) Type: (BS EN N/A.....) No. of poles: (N/A.....) I_{Δn} (N/A.....)mA Operating time: (N/A.....)ms

Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.05.....)Ω I_{Δf} (4.59.....)kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)			Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂										
8L1	CL8-5	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.12		>200	>200	500	✓	0.16	17	✓		
8L2	CL8-6	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.05		>200	>200	500	✓	0.09	17	✓		
8L3	CL8-7	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09						>200	>200	500	✓					
9L1	CL8-8	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09						>200	>200	500	✓					
9L2	CL8-9	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09						>200	>200	500	✓					
9L3	CL8-10	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09						>200	>200	500	✓					
10L1	RM 19	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09						>200	>200	500	✓					
10L2	RM 20	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09						>200	>200	500	✓					
10L3	RM 21	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09						>200	>200	500	✓					
11L1	RM 22	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09						>200	>200	500	✓					
11L2	RM 23	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09						>200	>200	500	✓					
11L3	RM 24	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09						>200	>200	500	✓					
12L1	RM 25	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09						>200	>200	500	✓					
12L2	RM 26	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09						>200	>200	500	✓					
12L3	RM 27	A	E	1	10	6	0.4	61009 RCD/RCBO	B	40	10	30	1.09						>200	>200	500	✓					
13L1																											
13L2																											
13L3																											
14L1																											
14L2																											
14L3																											

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB6-L5 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: SERVICES CUPBOARD LEVEL 5 Signature: _____ Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (_____) Nominal voltage: (400 _____) V No. of phases: (3 _____)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (200 _____) A

Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms

Characteristics at this DB Confirmation of supply polarity: (Yes _____) Phase sequence confirmed (where appropriate): True Z_s (0.05 _____) Ω I_{Δf} (4.59 _____) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910 _____) Continuity: (_____)

Insulation resistance: (_____) Earth fault loop impedance: (_____)

Earth electrode resistance: (_____) RCD: (_____)

Original to the person ordering the work



This certificate is not valid if the serial number has been defaced or altered

204668 ICR18

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS												Circuits/equipment vulnerable to damage when testing:																																																																																																											
CODES For Type of wiring												(A) Thermoplastic insulated / sheathed cables												(B) Thermoplastic cables in metallic conduit												(C) Thermoplastic cables in non-metallic conduit												(D) Thermoplastic cables in metallic trunking												(E) Thermoplastic cables in non-metallic trunking												(F) Thermoplastic / SWA cables												(G) Thermosetting / SWA cables												(H) Mineral-insulated cables												(O) other - state											
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD		Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons																																																																																														
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)				RCD	AFDD																																																																																													
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂																																																																																																					
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16L3																																																																																																																							

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: DB6-L5 Location of DB: SERVICES CUPBOARD LEVEL 5 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN Signature: _____ Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (_____) Nominal voltage: (400) V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (200) A
 Associated RCD (if any) Type: (BS EN N/A) No. of poles: (N/A) I_{Δn} (N/A) mA Operating time: (N/A) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.05) Ω Z_f (4.59) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: (_____)
 Insulation resistance: (_____) Earth fault loop impedance: (_____)
 Earth electrode resistance: (_____) RCD: (_____)

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.40		>200	>200	500	✓	0.84			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.67			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.34		>200	>200	500	✓	0.77			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 10 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG EAST Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (22.0.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.44.....) Ω Z_f (0.56.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73						>200	>200	500	✓	0.90			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73						>200	>200	500	✓	0.72			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28						>200	>200	500	✓	0.79			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 8-9L2 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (21.4.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.42.....) Ω Z_f (5.42.....) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons						
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD			
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)									
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.35		>200	>200	500	✓	0.84				
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.18		>200	>200	500	✓	0.67				
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.37		>200	>200	500	✓	0.86				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 8-9L1 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG EAST Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (21.8.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.49.....) Ω Z_f (0.494.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.14		>200	>200	500	✓	0.65			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.06		>200	>200	500	✓	0.57			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.43		>200	>200	500	✓	0.94			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 7-8L3 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (21.1.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.51.....) Ω I_{Δf} (0.480.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.42		>200	>200	500	✓	0.89			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.76			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.37		>200	>200	500	✓	0.86			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 6-8L2 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (22.9.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.47.....) Ω Z_f (0.520.....) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂											
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.81			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.77			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.29		>200	>200	500	✓	0.82			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 5-8L1 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (21.6.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.53.....) Ω I_{Δf} (0.495.....) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.70			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.12		>200	>200	500	✓	0.62			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.26		>200	>200	500	✓	0.76			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT 3-7L2 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.50.....) Ω Z_f (4.88.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂											
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.82			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.18		>200	>200	500	✓	0.69			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.43		>200	>200	500	✓	0.94			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT 4-7L3 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG EAST Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (120.....)V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....)A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....)mA Operating time: (21.4.....)ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.53.....)Ω Z_f (0.461.....)kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.19		>200	>200	500	✓	0.71		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.74		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.31		>200	>200	500	✓	0.83		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT 2-7L1 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (21.6.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.52.....) Ω I_{Δf} (0.464.....) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂										
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.44		>200	>200	500	✓	0.96		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.79		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.32		>200	>200	500	✓	0.84		

DISTRIBUTION BOARD (DB) DETAILS DB designation: APARTMENT 1-6L3 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL UG EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (.....) ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.52.....) Ω I_{Δf} (0.466.....) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.44		>200	>200	500	✓	0.75			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.56			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.31		>200	>200	500	✓	0.62			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 1D-4L3 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG EAST Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (21.8.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.31.....) Ω Z_f (0.780.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.40		>200	>200	500	✓	0.71		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.09		>200	>200	500	✓	0.41		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.32		>200	>200	500	✓	0.64		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT 2D-5L1 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG EAST Signature: Date: 31/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (22.1.....) ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.32.....) Ω I_{Δf} (0.750.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.35		>200	>200	500	✓	0.70			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.56			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.25		>200	>200	500	✓	0.60			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 3D-5L2 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (21.8.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.35.....) Ω Z_f (.....) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.58			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.59			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.25		>200	>200	500	✓	0.64			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 4D-5L3 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG EAST Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (23.7.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.36.....) Ω Z_f (0.687.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Test voltage DC (V)	RCD	AFDD						
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂						Live / Live (MΩ)	Live / Earth (MΩ)		
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.45		>200	>200	500	✓	0.77				
2	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.61				
3	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.35		>200	>200	500	✓	0.67				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT 5D6L1 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (22.7.....) ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.32.....) Ω I_{Δf} (0.647.....) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.59			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.30		>200	>200	500	✓	0.69			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.37		>200	>200	500	✓	0.76			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT 6-6L2 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (22.2.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.39.....) Ω Z_f (0.632.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.12		>200	>200	500	✓	0.32				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.11		>200	>200	500	✓	0.31				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.43		>200	>200	500	✓	0.63				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.09		>200	>200	500	✓	0.29				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.15		>200	>200	500	✓	0.35				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.83		>200	>200	500	✓	1.03				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 26-12L3 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL UG Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (.....) ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.20.....) Ω I_{Δf} (1.2.....) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live	Live / Earth			Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)					
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.12	>200	>200	500	✓	0.37		
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.12	>200	>200	500	✓	0.37		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.42	>200	>200	500	✓	0.67		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.13	>200	>200	500	✓	0.38		
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.33	>200	>200	500	✓	0.58		
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.82	>200	>200	500	✓	1.03		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 25-12L2 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A

Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (81.0.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.25.....) Ω I_{Δf} (0.980.....) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910.....) Continuity: (.....)

Insulation resistance: (.....) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.15	>200	>200	500	✓	0.35					
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20	>200	>200	500	✓	0.40					
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.47	>200	>200	500	✓	0.67					
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.15	>200	>200	500	✓	0.35					
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28	>200	>200	500	✓	0.48					
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.87	>200	>200	500	✓	1.07					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 24-12L1 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (21.2.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.20.....) Ω I_{Δf} (1.2.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth			Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.46					
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.47					
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.46		>200	>200	500	✓	0.78					
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.11		>200	>200	500	✓	0.43					
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.56					
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.80		>200	>200	500	✓	1.12					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: STUDIO ROOM 23-11L3 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (63.1.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.32.....) Ω Z_f (0.776.....) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.16	>200	>200	500	✓	0.51					
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.16	>200	>200	500	✓	0.51					
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.41	>200	>200	500	✓	0.77					
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.14	>200	>200	500	✓	0.49					
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.19	>200	>200	500	✓	0.54					
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.90	>200	>200	500	✓	1.25					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 22-11L2 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG EAST Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....)V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....)A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....)mA Operating time: (15.0.....)ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.35.....)Ω I_{Δf} (699.....)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂							
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.11	>200	>200	500	✓	0.40		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.12	>200	>200	500	✓	0.41		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.37	>200	>200	500	✓	0.66		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.08	>200	>200	500	✓	0.37		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.15	>200	>200	500	✓	0.44		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.50	>200	>200	500	✓	0.86		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 21-11L1 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG EAST Signature: Date: 31/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (14.4.....) ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.29.....) Ω I_{Δf} (843.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.15	>200	>200	500	✓	0.41		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.15	>200	>200	500	✓	0.41		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.44	>200	>200	500	✓	0.68		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.26	>200	>200	500	✓	0.40		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.46		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				1.01	>200	>200	500	✓	1.25		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 20-10L3 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: LEVEL UG EAST Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A

Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (14.6.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.24.....) Ω I_{Δf} (1.0.....) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910.....) Continuity: (.....)

Insulation resistance: (.....) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.42			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.42			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.47		>200	>200	500	✓	0.68			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.41			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.47			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.85		>200	>200	500	✓	1.05			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 19-10L2 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (.....) ms
Characteristics at this DB Confirmation of supply polarity: (.....) Phase sequence confirmed (where appropriate): Z_s (0.20.....) Ω I_{Δf} (1.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)			Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.17		>200	>200	500	✓	0.45			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.16		>200	>200	500	✓	0.44			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.59		>200	>200	500	✓	0.87			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.17		>200	>200	500	✓	0.45			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.44		>200	>200	500	✓	0.74			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.56		>200	>200	500	✓	0.84			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO 18-10L1 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG EAST Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (.....) ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.28.....) Ω I_{Δf} (874.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.51		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.20	>200	>200	500	✓	0.47		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.45	>200	>200	500	✓	0.72		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.15	>200	>200	500	✓	0.42		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.51		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.48	>200	>200	500	✓	0.75		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 34-10L1 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL EAST 1 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (21.4.....) ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.27.....) Ω I_{Δf} (0.894.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.45	>200	>200	500	✓	0.70				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.13	>200	>200	500	✓	0.37				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.49	>200	>200	500	✓	0.70				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.12	>200	>200	500	✓	0.36				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.38	>200	>200	500	✓	0.57				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.75	>200	>200	500	✓	0.99				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 35-10L2 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (22.2.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.24.....) Ω I_{Δf} (1.0.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)			Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.13		>200	>200	500	✓	0.57			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.19		>200	>200	500	✓	0.43			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.54		>200	>200	500	✓	0.68			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.16		>200	>200	500	✓	0.39			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.45			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.68		>200	>200	500	✓	0.92			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 36 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 1-10L3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (21.4.....) ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.24.....) Ω Z_f (1.0.....) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.13		>200	>200	500	✓	0.36			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.15		>200	>200	500	✓	0.38			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.44		>200	>200	500	✓	0.67			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.12		>200	>200	500	✓	0.35			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.17		>200	>200	500	✓	0.40			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.66		>200	>200	500	✓	0.89			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 37-11L1 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 1 EAST Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....)V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....)A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....)mA Operating time: (15.3.....)ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.23.....)Ω I_{Δf} (1.1.....)kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.15	>200	>200	500	✓	0.50		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.16	>200	>200	500	✓	0.51		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.47	>200	>200	500	✓	0.83		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.12	>200	>200	500	✓	0.47		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.59		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.67	>200	>200	500	✓	1.03		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 38-11L2 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (21.2.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.35.....) Ω Z_f (0.700.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)			Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.48				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.10	>200	>200	500	✓	0.36				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.49	>200	>200	500	✓	0.75				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.13	>200	>200	500	✓	0.39				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23	>200	>200	500	✓	0.49				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.74	>200	>200	500	✓	0.92				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: STUDIO ROOM 39-11L3 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (21.4.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.26.....) Ω I_{Δf} (969.....) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.13	>200	>200	500	✓	0.33		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.15	>200	>200	500	✓	0.35		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.45	>200	>200	500	✓	0.65		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.14	>200	>200	500	✓	0.34		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.46	>200	>200	500	✓	0.46		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.74	>200	>200	500	✓	0.94		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 40-12L1 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (14.8.....) ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.21.....) Ω I_{Δf} (1.2.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)			Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.19	>200	>200	500	✓	0.39				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.32				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.40	>200	>200	500	✓	0.60				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.15	>200	>200	500	✓	0.40				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.37	>200	>200	500	✓	0.57				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				8.06	>200	>200	500	✓	1.06				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: STUDIO ROOM 41-12L2 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (14.6.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.25.....) Ω I_{Δf} (979.....) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.17	>200	>200	500	✓	0.37		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.13	>200	>200	500	✓	0.33		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.37	>200	>200	500	✓	0.57		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.09	>200	>200	500	✓	0.29		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.26	>200	>200	500	✓	0.36		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.72	>200	>200	500	✓	0.92		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 42-12L3 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL EAST Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (14.4.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.20.....) Ω I_{Δf} (1.2.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.16		>200	>200	500	✓	0.42			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.11		>200	>200	500	✓	0.37			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.44		>200	>200	500	✓	0.70			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.49			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.48			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.19		>200	>200	500	✓	0.45			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 44 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....)V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....)A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....)mA Operating time: (22.0.....)ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.26.....)Ω I_{Δf} (929.....)kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.19	>200	>200	500	✓	0.36					
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.41					
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.50	>200	>200	500	✓	0.67					
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.38					
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23	>200	>200	500	✓	0.40					
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.55	>200	>200	500	✓	0.72					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 50 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (7L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17) Ω I_{Δf} (1.3) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.35			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.35			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.51		>200	>200	500	✓	0.63			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.36			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18		>200	>200	500	✓	0.30			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.53		>200	>200	500	✓	0.65			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 51 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (7L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω Z_f (1.71) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.38			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.35			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.49		>200	>200	500	✓	0.64			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.38			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.35			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.51		>200	>200	500	✓	0.66			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 52 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (7L3) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω I_{Δf} (1.51) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.38			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.35			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.49		>200	>200	500	✓	0.64			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.38			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.35			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.51		>200	>200	500	✓	0.66			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 53 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 2 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (8L1) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω Z_f (1.51) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.17	>200	>200	500	✓	0.35		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.15	>200	>200	500	✓	0.33		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.48	>200	>200	500	✓	0.66		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.20	>200	>200	500	✓	0.38		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.13	>200	>200	500	✓	0.31		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.53	>200	>200	500	✓	0.71		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 54 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 2 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (8L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.18) Ω I_{Δf} (1.46) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.38				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.40				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.50	>200	>200	500	✓	0.66				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.38				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.19	>200	>200	500	✓	0.35				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.56	>200	>200	500	✓	0.72				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 55 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (8L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (18) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω I_{Δf} (1.51) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live	Live / Earth			Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)					
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20	>200	>200	500	✓	0.36		
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.17	>200	>200	500	✓	0.33		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.47	>200	>200	500	✓	0.63		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.38		
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.17	>200	>200	500	✓	0.33		
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.59	>200	>200	500	✓	0.75		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 56 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (20.....) ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.16.....) Ω Z_f (1.64.....) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.19		>200	>200	500	✓	0.38			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.14		>200	>200	500	✓	0.33			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.47		>200	>200	500	✓	0.66			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18		>200	>200	500	✓	0.37			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.17		>200	>200	500	✓	0.36			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.44		>200	>200	500	✓	0.63			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 57 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 9L2 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.19) Ω I_f (1.33) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.47		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.09	>200	>200	500	✓	0.35		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.48	>200	>200	500	✓	0.74		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.17	>200	>200	500	✓	0.43		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.11	>200	>200	500	✓	0.37		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.52	>200	>200	500	✓	0.78		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 58 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 9L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.26) Ω Z_f (1.27) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.19	>200	>200	500	✓	0.51					
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28	>200	>200	500	✓	0.60					
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.48	>200	>200	500	✓	0.80					
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26	>200	>200	500	✓	0.58					
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.29	>200	>200	500	✓	0.61					
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.64	>200	>200	500	✓	0.96					

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 59 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (10L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (20) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.32) Ω Z_f (0.765) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25	>200	>200	500	✓	0.57		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.28	>200	>200	500	✓	0.60		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.41	>200	>200	500	✓	0.73		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.56		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.14	>200	>200	500	✓	0.46		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.63	>200	>200	500	✓	0.95		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 60 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (10L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.32) Ω Z_f (0.75) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.30	>200	>200	500	✓	0.62					
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26	>200	>200	500	✓	0.58					
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.61	>200	>200	500	✓	0.83					
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.54					
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.54					
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.58	>200	>200	500	✓	0.90					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 61 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (10L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.32) Ω Z_f (0.83) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.30		>200	>200	500	✓	0.56			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.51			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.54		>200	>200	500	✓	0.80			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.49			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18		>200	>200	500	✓	0.44			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.78		>200	>200	500	✓	1.04			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 62 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (11L1) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.26) Ω Z_f (0.99) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live	Live / Earth			Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)					
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26	>200	>200	500	✓	0.51		
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25	>200	>200	500	✓	0.50		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.46	>200	>200	500	✓	0.71		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25	>200	>200	500	✓	0.50		
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.15	>200	>200	500	✓	0.40		
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.64	>200	>200	500	✓	0.89		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 63 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 2 Signature: [Signature] Date: 31/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (11L3) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.25) Ω Z_f (1.02) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
		Max. disconnection time (BS 7671)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)	Max. measured earth fault loop impedance, Z _s (Ω)	(ms)			RCD	AFDD		
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.37		>200	>200	500	✓	0.49				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.41				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.57		>200	>200	500	✓	0.69				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.40				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18		>200	>200	500	✓	0.30				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.62		>200	>200	500	✓	0.74				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 64 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (11L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω Z_f (1.84) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.39		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.28	>200	>200	500	✓	0.46		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.46	>200	>200	500	✓	0.64		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25	>200	>200	500	✓	0.43		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.19	>200	>200	500	✓	0.37		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.62	>200	>200	500	✓	0.80		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 65 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (12L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.18) Ω I_f (1.34) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live	Live / Earth			Test voltage DC	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.38		
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.44		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.51		>200	>200	500	✓	0.68		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.42		
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.16		>200	>200	500	✓	0.33		
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.61		>200	>200	500	✓	0.78		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 66 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (12L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17) Ω Z_f (1.58) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.30	>200	>200	500	✓	0.46		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.26	>200	>200	500	✓	0.42		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.44	>200	>200	500	✓	0.60		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23	>200	>200	500	✓	0.39		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.40		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.67	>200	>200	500	✓	0.83		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 67 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (12L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω Z_f (1.40) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂										
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.41						
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.43						
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.53	>200	>200	500	✓	0.72						
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23	>200	>200	500	✓	0.42						
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.40						
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.60	>200	>200	500	✓	0.79						

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 93 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 3 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (7L2) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.19) Ω Z_f (1.24) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.48		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.12	>200	>200	500	✓	0.39		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.42	>200	>200	500	✓	0.69		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.18	>200	>200	500	✓	0.45		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.14	>200	>200	500	✓	0.41		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.48	>200	>200	500	✓	0.78		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 94 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 3 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (7L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.27) Ω Z_f (0.9) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.49				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.46				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.47		>200	>200	500	✓	0.73				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.47				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.14		>200	>200	500	✓	0.40				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.49		>200	>200	500	✓	0.75				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 95 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (8L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: () A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.26) Ω Z_f (1.06) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live	Live / Earth			Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)					
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.43		
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27	>200	>200	500	✓	0.49		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.46	>200	>200	500	✓	0.68		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23	>200	>200	500	✓	0.45		
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18	>200	>200	500	✓	0.40		
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.55	>200	>200	500	✓	0.77		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 96 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (8L2) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (23) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.22) Ω I_{Δf} (1.02) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.45			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.48			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.52		>200	>200	500	✓	0.77			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.48			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.45			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.54		>200	>200	500	✓	0.79			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 97 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (8L3) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.25) Ω Z_f (0.85) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.55			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.16	>200	>200	500	✓	0.49			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.04	>200	>200	500	✓	0.37			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18	>200	>200	500	✓	0.51			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25	>200	>200	500	✓	0.58			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.75	>200	>200	500	✓	1.02			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 109 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 3 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (12L3) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (49.6) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.33) Ω I_{Δf} (0.8) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.13	>200	>200	500	✓	0.45		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.51		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.34	>200	>200	500	✓	0.66		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.18	>200	>200	500	✓	0.50		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.53		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.60	>200	>200	500	✓	0.92		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 108 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 3 Signature: [Signature] Date: 31/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (12L2) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (37) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.32) Ω Z_f (0.7) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18		>200	>200	500	✓	0.48			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.56			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.55			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.53			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.55			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.63		>200	>200	500	✓	0.93			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 107 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 3 12L1 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (38.4.....) ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.30.....) Ω Z_f (0.8.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.56			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.56			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.62		>200	>200	500	✓	0.97			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.56			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.55			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.59		>200	>200	500	✓	0.94			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 106 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (11L3) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20.3) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.35) Ω Z_f (0.8) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.60				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.57				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.42		>200	>200	500	✓	0.79				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.04		>200	>200	500	✓	0.33				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.56				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.60		>200	>200	500	✓	1.01				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 105 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (11L1) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (.....) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.37) Ω Z_f (0.6) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.13		>200	>200	500	✓	0.53				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.60				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.38		>200	>200	500	✓	0.78				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.60				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.31		>200	>200	500	✓	0.71				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.66		>200	>200	500	✓	1.06				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 104 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (11L1) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (26) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.40) Ω Z_f (0.6) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.62				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.61				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.10		>200	>200	500	✓	0.51				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18		>200	>200	500	✓	0.59				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.63				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.62		>200	>200	500	✓	1.03				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 103 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 3 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (18.4.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.41.....) Ω Z_f (0.6.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.67				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.62				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18		>200	>200	500	✓	0.56				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18		>200	>200	500	✓	0.59				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.62				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.66		>200	>200	500	✓	1.06				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 102 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (10L2) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.41) Ω Z_f (0.6) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23	>200	>200	500	✓	0.69				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18	>200	>200	500	✓	0.64				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.40	>200	>200	500	✓	0.86				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.16	>200	>200	500	✓	0.62				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.67				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.62	>200	>200	500	✓	1.08				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 101 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....)V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....)A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....)mA Operating time: (20.....)ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.46.....)Ω Z_f (0.5.....)kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.1	>200	>200	500	✓	0.44		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.11	>200	>200	500	✓	0.41		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.33	>200	>200	500	✓	0.67		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.15	>200	>200	500	✓	0.49		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.15	>200	>200	500	✓	0.49		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.54	>200	>200	500	✓	0.88		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 100 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 9L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20.3) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.34) Ω Z_f (0.8) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.61				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.45				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.41		>200	>200	500	✓	0.81				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.17		>200	>200	500	✓	0.57				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.19		>200	>200	500	✓	0.59				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.62		>200	>200	500	✓	1.02				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 99 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 3 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (20.3.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.40.....) Ω Z_f (0.6.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂							
		Max. disconnection time (BS 7671)	BS (EN)		Type	Rating (A)		Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	(Line) r ₁			(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)			(V)			
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.16	>200	>200	500	✓	0.45		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.10	>200	>200	500	✓	0.39		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.45	>200	>200	500	✓	0.76		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.17	>200	>200	500	✓	0.46		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.19	>200	>200	500	✓	0.49		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.81	>200	>200	500	✓	1.08		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 98 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (18.....) ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.29.....) Ω I_{Δf} (8.....) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.41		>200	>200	500	✓	0.85			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.70			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.46		>200	>200	500	✓	0.80			

DISTRIBUTION BOARD (DB) DETAILS DB designation: APARTMENT ROOM 10C **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 1 EAST Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 9L3 Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22.7) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.46) Ω Z_f (0.543) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.73			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.73			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.44		>200	>200	500	✓	0.84			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 9C TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL EAST 9L3 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 9L2 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21.8) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.48) Ω I_{Δf} (510) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂											
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.32		>200	>200	500	✓	0.84			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.16		>200	>200	500	✓	0.68			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.19		>200	>200	500	✓	0.71			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 8C TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL EAST Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 9L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22.9) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.52) Ω I_{Δf} (0.472) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.71			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.04		>200	>200	500	✓	0.55			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.36		>200	>200	500	✓	0.87			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 7C TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL EAST Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (8L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.51) Ω I_{Δf} (0.410) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.39		>200	>200	500	✓	0.91			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.73			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.31		>200	>200	500	✓	0.83			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 6C TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (8L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21.0) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.52) Ω Z_f (0.471) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.50		>200	>200	500	✓	0.99			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.40		>200	>200	500	✓	0.89			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.37		>200	>200	500	✓	0.86			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: APARTMENT ROOM 5B
 Location of DB: LEVEL EAST
TESTED BY Name (capitals): RICK HARRIS
 Signature: Date: 28/08/2020
 Position: ELECTRICIAN

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (8L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21.0) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.49) Ω Z_f (0.508) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.73			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.15		>200	>200	500	✓	0.65			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.28		>200	>200	500	✓	0.78			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 4B TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL EAST SIDE Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (7L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (23.5) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.50) Ω Z_f (0.49) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.37		>200	>200	500	✓	0.91		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.2		>200	>200	500	✓	0.74		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.29		>200	>200	500	✓	0.82		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 3B TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL EAST 7L2 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (21.2.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.54.....) Ω I_{Δf} (0.453.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.40		>200	>200	500	✓	0.96		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.81		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.33		>200	>200	500	✓	0.89		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: APARTMENT ROOM 2B
 Location of DB: LEVEL EAST 7L1
TESTED BY Name (capitals): RICK HARRIS
 Signature:
 Position: ELECTRICIAN
 Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (21.1.....) ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.56.....) Ω Z_f (0.473.....) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.42		>200	>200	500	✓	0.98			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.80			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.31		>200	>200	500	✓	0.87			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 1B TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL EAST 1 6L3 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (21.2.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.56.....) Ω Z_f (0.439.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.41		>200	>200	500	✓	0.74		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.56		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.32		>200	>200	500	✓	0.65		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 1D TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 EAST 4L3 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (22.0.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.33.....) Ω Z_f (0.731.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)			Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73						>200	>200	500	✓	0.74				
2	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73						>200	>200	500	✓	0.56				
3	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28						>200	>200	500	✓	0.65				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 1D TESTED BY Name (capitals): _____ Position: _____
 Location of DB: LEVEL 1 EAST Signature: _____ Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (4L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22.0) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.33) Ω I_{Δf} (0.731) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: _____ Continuity: _____
 Insulation resistance: _____ Earth fault loop impedance: _____
 Earth electrode resistance: _____ RCD: _____

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)									
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.43		>200	>200	500	✓	0.76				
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.58				
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.38		>200	>200	500	✓	0.71				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 2D TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 EAST Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (6L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.33) Ω Z_f (0.740) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.38		>200	>200	500	✓	0.75			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.57			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.27		>200	>200	500	✓	0.64			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 3D TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 EAST 5L2 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (21.6.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.37.....) Ω Z_{df} (0.656.....) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.18		>200	>200	500	✓	0.57			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.63			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.27		>200	>200	500	✓	0.66			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 4-5L3 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 EAST Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (21.1.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.39.....) Ω Z_f (0.622.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂											
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.43		>200	>200	500	✓	0.81			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.62			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.33		>200	>200	500	✓	0.71			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 5D 6L1 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL EAST Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.38.....) Ω Z_f (0.641.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.37		>200	>200	500	✓	0.79		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.64		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.25		>200	>200	500	✓	0.67		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 6D TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL Signature: _____ Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (21.0.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.42.....) Ω Z_f (0.579.....) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂										
1	NORTH CORRIDOR POWER	A	B	8	2.5	1.5	0.4	61009 RCD/RCBO	B	32	6	30	1.08	1.12	1.08	1.85	0.74		>200	>200	500	✓	0.89	18	✓			
2	EAST CORRIDOR POWER	A	B	7	2.5	1.5	0.4	61009 RCD/RCBO	B	32	6	30	1.08	1.06	1.09	1.84	0.76		>200	>200	500	✓	0.87	18	✓			
3	LIGHTS SMALL CORRIDOR NORTH	A	B	34	1.5	1.0	0.4	61009 RCD/RCBO	B	10	6	30	3.49				1.51		>200	>200	500	✓	1.58	16	✓			
4	LIGHTS LARGE CORRIDOR NORTH	A	B	60	1.5	1.0	0.4	61009 RCD/RCBO	B	10	6	30	3.49				2.39		>200	>200	500	✓	2.46	17	✓			
5	LIGHTS LARGE CORRIDOR EAST	A	B	55	1.5	1.0	0.4	61009 RCD/RCBO	B	10	6	30	3.49				0.99		>200	>200	500	✓	1.06	17	✓			
6	LIGHTS FAR CORRIDOR EAST	A	B	34	1.5	1.0	0.4	61009 RCD/RCBO	B	10	6	30	3.49				1.90		>200	>200	500	✓	1.96	16	✓			
7	DOOR MAGS NORTH SIDE	A	B	2	2.5	1.0	0.4	60898 MCB	B	16	6		2.18				1.05		>200	>200	500	✓	1.12					
8	DOOR MAG EASTSIDE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6		2.18				0.46		>200	>200	500	✓	0.53					
9	DOOR MAG CENTRAL PANEL & INTRUDER	A	B	4	2.5	1.5	0.4	60898 MCB	B	16	6		2.18				0.21		>200	>200	500	✓	0.28					
10																												
3L3	LINEN CUPBOARD DIS BOARD	A	B	5	16	6	0.4	61009 RCD/RCBO	B	45	6		0.77				0.01		>200	>200	500	✓	0.07	20	✓			
14L1	SPUR IN RISER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6		2.18				0.10		>200	>200	500	✓	0.16	21	✓			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: LINEN CUPBOARD DB TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 LINEN CUPBOARD Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (LEVEL 1 MAINS 3L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (45) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.07) Ω I_{Δf} (4.3) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.52		>200	>200	500	✓	0.64			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.38			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.33		>200	>200	500	✓	0.45			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 1 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVE 1 Signature: _____ Date: 31/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: () Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω Z_f (1.89) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.52		>200	>200	500	✓	0.64		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.38		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.33		>200	>200	500	✓	0.45		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 2 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (15L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (1.89) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.47		>200	>200	500	✓	0.63		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.37		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.19		>200	>200	500	✓	0.44		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 3 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (16L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω Z_f (1.72) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.51		>200	>200	500	✓	0.65		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.38		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.34		>200	>200	500	✓	0.48		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 4 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: _____ Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (16L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω I_{Δf} (1.63) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: _____
 Insulation resistance: _____ Earth fault loop impedance: _____
 Earth electrode resistance: _____ RCD: _____

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.52		>200	>200	500	✓	0.68			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.42			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.41		>200	>200	500	✓	0.57			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 5 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (16.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.16.....) Ω I_{Δf} (1.36.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.43		>200	>200	500	✓	0.64			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.41			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.33		>200	>200	500	✓	0.50			

DISTRIBUTION BOARD (DB) DETAILS DB designation: APARTMENT ROOM 6 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 1 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (17L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17) Ω I_{Δf} (1.36) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.50		>200	>200	500	✓	0.71			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.45			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.33		>200	>200	500	✓	0.54			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: APARTMENT ROOM 1a
 Location of DB: LEVEL 1
TESTED BY Name (capitals): RICK HARRIS
 Signature:
 Position: ELECTRICIAN
 Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (17L2) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.21) Ω I_{Δf} (1.16) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.44		>200	>200	500	✓	0.67			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.45			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.30		>200	>200	500	✓	0.53			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 2a TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (17L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.23) Ω Z_f (1.24) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.44		>200	>200	500	✓	0.73			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.51			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.32		>200	>200	500	✓	0.60			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT 3a TESTED BY Name (capitals): ROSS HARRISON Position: Engineer
 Location of DB: LEVEL 1 Signature: *Ross Harrison* Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (18L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.28) Ω I_{Δf} (0.69) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.52		>200	>200	500	✓	0.77			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.49			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.38		>200	>200	500	✓	0.63			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: APARTMENT ROOM 4a
 Location of DB: LEVEL 1
TESTED BY Name (capitals): RICK HARRIS
 Signature:
 Position: ELECTRICIAN
 Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (18L2) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.25) Ω Z_f (1.01) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.53		>200	>200	500	✓	0.80				
2	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.51				
3	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.37		>200	>200	500	✓	0.64				

DISTRIBUTION BOARD (DB) DETAILS DB designation: APARTMENT ROOM 5a **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 1 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (18L3) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.27) Ω Z_f (0.87) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons						
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD			
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂												
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.46		>200	>200	500	✓	0.74				
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.37		>200	>200	500	✓	0.65				
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.29		>200	>200	500	✓	0.57				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 6a TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: Level 1 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (19L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.28) Ω Z_f (0.92) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.55		>200	>200	500	✓	0.78			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.47			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.34		>200	>200	500	✓	0.57			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 1b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (19L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.23) Ω Z_f (1.06) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.60		>200	>200	500	✓	0.89			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.57			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.39		>200	>200	500	✓	0.68			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 2b **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (19L3)) Nominal voltage: (230) V No. of phases: (1))
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B)) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B)) No. of poles: (1)) I_{Δn} (30) mA Operating time: (21) ms
Characteristics at this DB Confirmation of supply polarity: (Yes)) Phase sequence confirmed (where appropriate): Z_s (0.29) Ω I_{Δf} (0.78) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910)) Continuity: (.....))
 Insulation resistance: (.....)) Earth fault loop impedance: (.....))
 Earth electrode resistance: (.....)) RCD: (.....))

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)			Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.51		>200	>200	500	✓	0.85				
2	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.56				
3	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.30		>200	>200	500	✓	0.64				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 3b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 20L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.34) Ω Z_f (0.75) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.51		>200	>200	500	✓	0.87		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.60		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.39		>200	>200	500	✓	0.75		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: APARTMENT ROOM 4b
 Location of DB: LEVEL 1
TESTED BY Name (capitals): RICK HARRIS
 Signature:
 Position: ELECTRICIAN
 Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (20L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.36) Ω Z_f (0.67) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂												
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.57		>200	>200	500	✓	0.92				
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.61				
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.33		>200	>200	500	✓	0.68				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: APARTMENT ROOM 5b
 Location of DB: LEVEL 1
TESTED BY Name (capitals): ROSS HARRISON
 Signature: *Ross Harrison*
 Position: Engineer
 Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (20L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (27) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.35) Ω Z_f (0.71) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂										
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.42		>200	>200	500	✓	0.77		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.60		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.37		>200	>200	500	✓	0.72		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 6b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 21L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.35) Ω Z_f (0.73) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.50		>200	>200	500	✓	0.84			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.56			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.35		>200	>200	500	✓	0.69			

DISTRIBUTION BOARD (DB) DETAILS DB designation: APARTMENT ROOM 7b **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 1 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (21L2) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.34) Ω I_{Δf} (1.41) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.50	>200	>200	500	✓	0.83		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.57		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.33	>200	>200	500	✓	0.66		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 8b **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 20L3 Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.33) Ω Z_f (0.72) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.49		>200	>200	500	✓	0.81			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.60			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.37		>200	>200	500	✓	0.69			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 9b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 22L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.32) Ω Z_f (0.79) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.48		>200	>200	500	✓	0.77			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.53			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.48		>200	>200	500	✓	0.67			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 10b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (22L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (28) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.29) Ω Z_f (0.83) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.48		>200	>200	500	✓	0.77			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.53			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.48		>200	>200	500	✓	0.67			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 10b TESTED BY Name (capitals): ROSS HARRISON Position: Engineer
 Location of DB: LEVEL 1 Signature: Ross Harrison Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 22L2 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (28) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.29) Ω Z_f (0.88) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.58			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.60			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.51		>200	>200	500	✓	0.86			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.56			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.16		>200	>200	500	✓	0.51			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.64		>200	>200	500	✓	0.99			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 27 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 22L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.35) Ω Z_f (0.76) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)			Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.45				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.42				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.46		>200	>200	500	✓	0.66				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.45				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.13		>200	>200	500	✓	0.33				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.88		>200	>200	500	✓	1.08				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 28 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 1 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 23L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.20) Ω I_f (1.34) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.45			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.33		>200	>200	500	✓	0.51			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.54		>200	>200	500	✓	0.72			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.46			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.47			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.83		>200	>200	500	✓	1.01			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 29 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 1 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 23L2 Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.18) Ω I_{Δf} (1.15) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18	>200	>200	500	✓	0.41					
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.47					
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.33	>200	>200	500	✓	0.56					
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23	>200	>200	500	✓	0.46					
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.15	>200	>200	500	✓	0.38					
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.63	>200	>200	500	✓	0.86					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 30 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 23L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.23) Ω I_f (1.31) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.40	>200	>200	500	✓	0.54		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.36		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.45	>200	>200	500	✓	0.69		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.45		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.26	>200	>200	500	✓	0.40		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.69	>200	>200	500	✓	0.83		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: STUDIO ROOM 31 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 24L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω Z_f (1.66) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD		
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.30	>200	>200	500	✓	0.39				
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.32	>200	>200	500	✓	0.41				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.19	>200	>200	500	✓	0.28				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.34	>200	>200	500	✓	0.43				
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25	>200	>200	500	✓	0.34				
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.74	>200	>200	500	✓	0.83				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 32 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 24L2 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (17) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω Z_{df} (2.56) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.34		>200	>200	500	✓	0.45			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.36		>200	>200	500	✓	0.47			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.48		>200	>200	500	✓	0.59			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.37			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.34			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.69		>200	>200	500	✓	0.80			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 33 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 1 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 24L3 Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω I_{Δf} (1.99) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂										
		(s)																										
1	RING MAIN NORTH CORRIDOR	A	B	7	2.5	1.5	0.4	61009 RCD/RCBO	B	32	6	30	1.08	1.10	1.08	1.82	0.73		>200	>200	500	✓	0.90	18	✓			
2	RING MAIN EAST CORRIDOR	A	B	8	2.5	1.5	0.4	61009 RCD/RCBO	B	32	6	30	1.08	1.05	1.06	1.76	0.71		>200	>200	500	✓	0.88	18	✓			
3	SMALL NORTH CORRIDOR LIGHTS	A	B	25	1.5	1.0	0.4	61009 RCD/RCBO	B	10	6	30	3.49				1.37		>200	>200	500	✓	1.50	16	✓			
4	LONG NORTH CORRIDOR LIGHTS	A	B	62	1.5	1.0	0.4	61009 RCD/RCBO	B	10	6	30	3.49				2.53		>200	>200	500	✓	2.66	17	✓			
5	NEAR CORRIDOR LIGHTS EAST	A	B	46	1.5	1.0	0.4	61009 RCD/RCBO	B	10	6	30	3.49				0.93		>200	>200	500	✓	1.06	17	✓			
6	FAR CORRIDOR LIGHTS EAST	A	B	33	1.5	1.0	0.4	61009 RCD/RCBO	B	10	6	30	3.49				2.12		>200	>200	500	✓	2.25	16	✓			
7	DOOR PANELS & INTRUDER	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6		2.18				0.01		>200	>200	500	✓	0.14					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: LINEN CUPBOARD TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (LEVEL UG MAINS 3L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (45) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_{Δf} (2.75) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(I) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
3L2	MAGLOCK EAST CORRIDOR	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.58		>200	>200	500	✓	0.62				
3L3	LINEN CUPBOARD DB	A	B	1	16	6	0.4	61009	RCD/RCBO	B	45	6	30	0.97				0.09		>200	>200	500	✓	0.13	19	✓	
14L1	MAGLOCK NORTH CORRIDOR	A	B	3	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.79		>200	>200	500	✓	0.83				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: MAINS
 Location of DB: UG
TESTED BY Name (capitals): RICK HARRIS
 Signature:
 Position: ELECTRICIAN
 Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (MAINS MCCB PANEL) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: () ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s () Ω Z_f () kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.52		>200	>200	500	✓	0.64		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.32		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.32		>200	>200	500	✓	0.44		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 1 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (16L1) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A

Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (2.13) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.49		>200	>200	500	✓	0.61			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.34			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.21		>200	>200	500	✓	0.43			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 2 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (16L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω Z_{df} (2.10) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)			Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.48		>200	>200	500	✓	0.65				
2	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.39				
3	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.33		>200	>200	500	✓	0.50				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 3 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (16L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17) Ω I_{Δf} (1.47) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD		
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.56		>200	>200	500	✓	0.73			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.19		>200	>200	500	✓	0.36			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.34		>200	>200	500	✓	0.51			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 4 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (17L1) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (24) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17) Ω I_{Δf} (1.29) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.42		>200	>200	500	✓	0.64			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.17		>200	>200	500	✓	0.39			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.26		>200	>200	500	✓	0.48			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 1a TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (17L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.22) Ω I_{Δf} (1.08) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.54		>200	>200	500	✓	0.66		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.37		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.31		>200	>200	500	✓	0.43		

DISTRIBUTION BOARD (DB) DETAILS DB designation: APARTMENT ROOM 2a **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (17L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (1.99) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂											
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.52		>200	>200	500	✓	0.75			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.43			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.32		>200	>200	500	✓	0.57			

DISTRIBUTION BOARD (DB) DETAILS DB designation: APARTMENT 3a **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL UG Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (18L1) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.23) Ω I_{Δf} (1.02) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.46		>200	>200	500	✓	0.70		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.46		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.31		>200	>200	500	✓	0.55		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 4a TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (18L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.24) Ω Z_f (0.96) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.48		>200	>200	500	✓	0.76		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.50		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.32		>200	>200	500	✓	0.60		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT 5a **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (18L3) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.28) Ω I_{Δf} (0.85) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)									
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.48		>200	>200	500	✓	0.79				
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.58				
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.30		>200	>200	500	✓	0.61				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 1b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (19L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.31) Ω Z_f (0.76) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.47		>200	>200	500	✓	0.80				
2	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.30		>200	>200	500	✓	0.63				
3	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.31		>200	>200	500	✓	0.64				

DISTRIBUTION BOARD (DB) DETAILS DB designation: APARTMENT 2b **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (19L3) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.33) Ω I_{Δf} (0.72) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)			(MΩ)	(V)		
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.49		>200	>200	500	✓	0.82		
2	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.60		
3	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.27		>200	>200	500	✓	0.60		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 3b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 20L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (27) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.33) Ω Z_f (0.73) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.47		>200	>200	500	✓	0.84		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.62		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.28		>200	>200	500	✓	0.65		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 4b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 20L2 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.37) Ω Z_f (0.67) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂											
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.44		>200	>200	500	✓	0.81			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.62			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.24		>200	>200	500	✓	0.61			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 5b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 20L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (27) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.37) Ω Z_f (0.67) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.49		>200	>200	500	✓	0.82		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.58		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.29		>200	>200	500	✓	0.62		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 6b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 21L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.33) Ω Z_f (0.68) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.48		>200	>200	500	✓	0.82			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.55			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.29		>200	>200	500	✓	0.63			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 7b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (21L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.34) Ω Z_f (0.71) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂											
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.49		>200	>200	500	✓	0.69			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73						>200	>200	500	✓				
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.35		>200	>200	500	✓	0.55			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 8b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 21L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (17) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.20) Ω I_{Δf} (1.17) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.53		>200	>200	500	✓	0.69			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.39			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.40		>200	>200	500	✓	0.56			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 9b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 22L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω Z_f (1.64) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC		Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73						>200	>200	500	✓				
2	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73						>200	>200	500	✓				
3	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28						>200	>200	500	✓				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 10b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 22L2 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22) ms
 Characteristics at this DB Confirmation of supply polarity: () Phase sequence confirmed (where appropriate): Z_s () Ω Z_{df} () kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.31		>200	>200	500	✓	0.63				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.30		>200	>200	500	✓	0.62				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.32		>200	>200	500	✓	0.64				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.56				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.56				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.59		>200	>200	500	✓	0.91				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 11 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 22L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (24) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.32) Ω Z_f (0.72) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25	>200	>200	500	✓	0.45		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.27	>200	>200	500	✓	0.47		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.52	>200	>200	500	✓	0.72		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.44		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.12	>200	>200	500	✓	0.32		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.51	>200	>200	500	✓	0.71		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 12 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 23L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.20) Ω I_{Δf} (1.35) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.40		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.38		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.27	>200	>200	500	✓	0.43		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.31	>200	>200	500	✓	0.49		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.20	>200	>200	500	✓	0.36		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.91	>200	>200	500	✓	1.07		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: STUDIO ROOM 13 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 23L2 Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω I_f (1.58) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.27	>200	>200	500	✓	0.42		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.35	>200	>200	500	✓	0.50		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.55	>200	>200	500	✓	0.70		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.31	>200	>200	500	✓	0.46		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.36		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.79	>200	>200	500	✓	0.94		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 14 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 23L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω Z_f (1.27) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂							
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.42		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.29	>200	>200	500	✓	0.50		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.30	>200	>200	500	✓	0.51		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25	>200	>200	500	✓	0.46		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.43		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.72	>200	>200	500	✓	0.93		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 15 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 24L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.21) Ω Z_f (1.04) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.39		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.32	>200	>200	500	✓	0.50		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.48	>200	>200	500	✓	0.65		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25	>200	>200	500	✓	0.42		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.18	>200	>200	500	✓	0.35		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.68	>200	>200	500	✓	0.85		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 16 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 24L2 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17) Ω Z_f (1.82) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂							
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25	>200	>200	500	✓	0.38		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.26	>200	>200	500	✓	0.39		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.51	>200	>200	500	✓	0.64		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25	>200	>200	500	✓	0.38		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.34		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.62	>200	>200	500	✓	0.75		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 17 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 24L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω Z_f (2.41) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.51		>200	>200	500	✓	0.66			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.36			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.40		>200	>200	500	✓	0.55			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 1a TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL LG Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 9L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω I_{Δf} (1.57) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)			Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
		Max. disconnection time (BS 7671)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)	Max. measured earth fault loop impedance, Z _s (Ω)	(ms)			RCD	AFDD		
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.45		>200	>200	500	✓	0.62				
2	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.37				
3	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.30		>200	>200	500	✓	0.47				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 2a TESTED BY Name (capitals): ROSS HARRISON Position: Engineer
 Location of DB: LEVEL LG Signature: Ross Harrison Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (10L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17) Ω I_{Δf} (1.52) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂										
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.49		>200	>200	500	✓	0.39		
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.67		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.29		>200	>200	500	✓	0.47		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 3a TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL LG Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 9L2 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.18) Ω I_f (1.34) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.49	>200	>200	500	✓	0.69		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23	>200	>200	500	✓	0.43		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.29	>200	>200	500	✓	0.49		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 4a TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL LG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (9L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.20) Ω I_f (1.23) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.46		>200	>200	500	✓	0.68			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.42			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.27		>200	>200	500	✓	0.49			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 5a **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL LG Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (8L3) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.22) Ω I_{Δf} (1.14) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.49		>200	>200	500	✓	0.73			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.45			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.29		>200	>200	500	✓	0.53			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 6a TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL LG Signature: _____ Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (8L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.24) Ω I_{Δf} (0.93) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: _____
 Insulation resistance: _____ Earth fault loop impedance: _____
 Earth electrode resistance: _____ RCD: _____

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.44		>200	>200	500	✓	0.68		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.48		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.31		>200	>200	500	✓	0.55		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 7a TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL LG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (8L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (1.01) mA Operating time: (22) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.24) Ω Z_f (1.01) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.45		>200	>200	500	✓	0.73			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.17		>200	>200	500	✓	0.45			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.29		>200	>200	500	✓	0.57			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 8a TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL LG Signature: Date: 31/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (4L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.28) Ω Z_f (0.91) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.47		>200	>200	500	✓	0.85			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.61			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.33		>200	>200	500	✓	0.71			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 9a TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL LG Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (7L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.38) Ω Z_f (0.63) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂											
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.54		>200	>200	500	✓	0.80			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.36		>200	>200	500	✓	0.62			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.45		>200	>200	500	✓	0.71			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 10a TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL LG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (7L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.26) Ω Z_f (0.61) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth			Test voltage DC	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.56		>200	>200	500	✓	0.82			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.61			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.29		>200	>200	500	✓	0.67			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 11a TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL LG Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 6L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.38) Ω Z_f (0.65) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.41		>200	>200	500	✓	0.81			
2	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.65			
3	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.27		>200	>200	500	✓	0.68			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 1b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL LG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (6L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.40) Ω Z_f (0.62) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.44		>200	>200	500	✓	0.81			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.61			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.29		>200	>200	500	✓	0.66			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 2b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL LG Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 5L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.37) Ω I_{Δf} (0.69) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.40		>200	>200	500	✓	0.57			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.13		>200	>200	500	✓	0.30			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.42		>200	>200	500	✓	0.59			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 3b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL LG Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 5L2 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17) Ω I_{Δf} (1.38) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)			Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.45		>200	>200	500	✓	0.82				
2	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.59				
3	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.34		>200	>200	500	✓	0.71				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 4b **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: LEVEL LG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (5L1) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A

Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.37) Ω I_{Δf} (0.69) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)									
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.46		>200	>200	500	✓	0.81				
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.56				
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.30		>200	>200	500	✓	0.65				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 5b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL LG Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (6L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.35) Ω Z_f (0.68) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.42			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.12		>200	>200	500	✓	0.33			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.45		>200	>200	500	✓	0.66			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18		>200	>200	500	✓	0.39			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.43			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.83		>200	>200	500	✓	1.04			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 2 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL LG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (7L1) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.21) Ω Z_f (1.27) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.37				
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.17		>200	>200	500	✓	0.29				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.50		>200	>200	500	✓	0.62				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.16		>200	>200	500	✓	0.28				
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.40				
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.79		>200	>200	500	✓	0.81				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: STUDIO ROOM 3 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL LG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (4L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω Z_f (2.14) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.39			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.37			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.51		>200	>200	500	✓	0.62			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.35			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.34			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.89		>200	>200	500	✓	1.00			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 4 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL LG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (4L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω Z_f (1.97) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity:
 Insulation resistance: Earth fault loop impedance:
 Earth electrode resistance: RCD:
 (.....) (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.20	>200	>200	500	✓	0.33		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.17	>200	>200	500	✓	0.30		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25	>200	>200	500	✓	0.58		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.14	>200	>200	500	✓	0.27		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.15	>200	>200	500	✓	0.28		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.73	>200	>200	500	✓	0.86		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 5 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL LG Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 3L3 Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_{Δf} (3.26) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.31	>200	>200	500	✓	0.47		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.13	>200	>200	500	✓	0.29		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.54	>200	>200	500	✓	0.70		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23	>200	>200	500	✓	0.39		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.90	>200	>200	500	✓	1.06		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.24	>200	>200	500	✓	0.40		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 6 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL LG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (3L2) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω I_{Δf} (1.70) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.34			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.16		>200	>200	500	✓	0.29			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.50		>200	>200	500	✓	0.63			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18		>200	>200	500	✓	0.31			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.35			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.72		>200	>200	500	✓	0.85			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 7 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL LG Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 3L1 Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_{Δf} (1.92) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.35			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.28			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.50		>200	>200	500	✓	0.58			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18		>200	>200	500	✓	0.26			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.35			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.73		>200	>200	500	✓	0.81			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: STUDIO ROOM 8 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL LG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (2L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω Z_f (3.28) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28	>200	>200	500	✓	0.39				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18	>200	>200	500	✓	0.29				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.48	>200	>200	500	✓	0.59				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.17	>200	>200	500	✓	0.28				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20	>200	>200	500	✓	0.31				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.89	>200	>200	500	✓	1.00				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 9 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL LG Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 2L2 Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω I_{Δf} (2.78) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live	Live / Earth			Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)					
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.17	>200	>200	500	✓	0.24		
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18	>200	>200	500	✓	0.25		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.41	>200	>200	500	✓	0.58		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20	>200	>200	500	✓	0.27		
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.13	>200	>200	500	✓	0.20		
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.73	>200	>200	500	✓	0.80		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 10 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL LG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (2L1) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.07) Ω Z_f (2.89) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)			BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
15L3		A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.52		>200	>200	500	✓	0.56				
16L1		A	B	2	2.5	1.5	0.4	61009 RCD/RCBO	B	16	6	2.73				0.23		>200	>200	500	✓	0.27	20	✓		
16L2		A	B	5	1.5	1.0	0.4	61009 RCD/RCBO	B	10	6	4.37				1.83		>200	>200	500	✓	1.87	21	✓		
16L3		A	B	1	2.5	1.5	0.4	61009 RCD/RCBO	B	32	6	1.37	0.67	0.68	1.14	0.46		>200	>200	500	✓	0.71	19	✓		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: 4th FLOOR MAINS TESTED BY Name (capitals): _____ Position: _____
 Location of DB: LEVEL 4 Signature: _____ Date: _____

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (GROUND FLOOR MCCB) Nominal voltage: (400) V No. of phases: (3)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.04) Ω Z_{df} () kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: _____ Continuity: _____
 () ()
 Insulation resistance: _____ Earth fault loop impedance: _____
 () ()
 Earth electrode resistance: _____ RCD: _____
 () ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)			Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.34				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.33				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.49		>200	>200	500	✓	0.58				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.32				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.34				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.57		>200	>200	500	✓	0.66				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 110 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (17L1) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω Z_f (2.22) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.39	>200	>200	500	✓	0.49					
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.34					
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.59	>200	>200	500	✓	0.69					
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26	>200	>200	500	✓	0.36					
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.58	>200	>200	500	✓	0.68					
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.23	>200	>200	500	✓	0.33					

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 111 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (17L2) Nominal voltage: (2301) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.10) Ω I_{Δf} (2.42) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.34			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.40			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.56		>200	>200	500	✓	0.68			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.41			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.36			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.56		>200	>200	500	✓	0.68			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 112 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (17L3) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (1.97) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.36				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.40				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.56		>200	>200	500	✓	0.70				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.37				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.41				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.55		>200	>200	500	✓	0.69				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 113 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: LEVEL 4 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (18L1) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A

Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω I_{Δn} (1.69) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910) Continuity: (.....)

Insulation resistance: (.....) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.30		>200	>200	500	✓	0.49			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.45			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.56		>200	>200	500	✓	0.75			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.46			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.46			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.52		>200	>200	500	✓	0.71			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 114 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: LEVEL 4 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (18L3) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A

Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.19) Ω I_{Δf} (1.43) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.40			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.39			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.54		>200	>200	500	✓	0.69			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.42		>200	>200	500	✓	0.57			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.39			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.56		>200	>200	500	✓	0.71			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: STUDIO ROOM 115 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 4 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (18L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω I_f (1.49) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.42			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.45			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.58		>200	>200	500	✓	0.79			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.43			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.47			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.59		>200	>200	500	✓	0.80			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 116 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (19L1) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.21) Ω Z_f (1.01) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.52			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.49			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.50		>200	>200	500	✓	0.73			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.49			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.31		>200	>200	500	✓	0.54			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.58		>200	>200	500	✓	0.79			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 117 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (19L2) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.23) Ω Z_f (1.01) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.47			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.49			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.57		>200	>200	500	✓	0.80			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.47			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.51			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.71		>200	>200	500	✓	0.95			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 118 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (19L3) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.24) Ω I_f (1.19) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.33	>200	>200	500	✓	0.61		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.26	>200	>200	500	✓	0.54		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.50	>200	>200	500	✓	0.78		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.27	>200	>200	500	✓	0.55		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.29	>200	>200	500	✓	0.57		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.59	>200	>200	500	✓	0.87		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 119 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 20L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (26) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.28) Ω Z_f (0.87) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.54			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.55			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.56		>200	>200	500	✓	0.86			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.58			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.59			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.58		>200	>200	500	✓	0.88			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 120 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 20L2 Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.30) Ω Z_f (0.83) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂										
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.17		>200	>200	500	✓	0.53		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.57		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.43		>200	>200	500	✓	0.79		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.57		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.15		>200	>200	500	✓	0.51		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.51		>200	>200	500	✓	0.87		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 121 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 4 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 20L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.36) Ω Z_f (0.74) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live	Live / Earth			Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)					
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25	>200	>200	500	✓	0.56		
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.30	>200	>200	500	✓	0.61		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.52	>200	>200	500	✓	0.83		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28	>200	>200	500	✓	0.59		
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20	>200	>200	500	✓	0.51		
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.69	>200	>200	500	✓	1.00		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 122 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 21L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (24) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.31) Ω Z_f (0.71) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live	Live / Earth			Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)					
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.30	>200	>200	500	✓	0.60		
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26	>200	>200	500	✓	0.56		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.51	>200	>200	500	✓	0.81		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28	>200	>200	500	✓	0.58		
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23	>200	>200	500	✓	0.53		
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.63	>200	>200	500	✓	0.93		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 123 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (21L2) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.30) Ω Z_f (0.76) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂							
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.20	>200	>200	500	✓	0.48		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.50		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.55	>200	>200	500	✓	0.83		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23	>200	>200	500	✓	0.51		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.27	>200	>200	500	✓	0.55		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.59	>200	>200	500	✓	0.87		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 124 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (21L3) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.28) Ω Z_f (0.81) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.44				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.16		>200	>200	500	✓	0.37				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.50		>200	>200	500	✓	0.71				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.44				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18		>200	>200	500	✓	0.39				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.85		>200	>200	500	✓	1.06				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 125 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 22L1 Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.21) Ω I_f (1.15) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.51				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.13		>200	>200	500	✓	0.36				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.47		>200	>200	500	✓	0.70				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.46				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.13		>200	>200	500	✓	0.36				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.59		>200	>200	500	✓	0.82				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 126 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 4 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 22L2 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.23) Ω I_{Δf} (1.17) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂							
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)			Maximum permitted Z _s for installed protective device* (Ω)	(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂			Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)	RCD
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.19	>200	>200	500	✓	0.44			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26	>200	>200	500	✓	0.51			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.56	>200	>200	500	✓	0.81			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.49			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.49			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.57	>200	>200	500	✓	0.82			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 127 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 4 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 22L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.25) Ω Z_f (0.97) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.19	>200	>200	500	✓	0.37					
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.16	>200	>200	500	✓	0.34					
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.61	>200	>200	500	✓	0.79					
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.42					
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.17	>200	>200	500	✓	0.35					
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.56	>200	>200	500	✓	0.74					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: STUDIO ROOM 128 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 4 Signature: [Signature] Date: 31/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 23L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.18) Ω I_f (1.38) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)			BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25	>200	>200	500	✓	0.44				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.41				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.50	>200	>200	500	✓	0.69				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.43				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23	>200	>200	500	✓	0.42				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.56	>200	>200	500	✓	0.75				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 129 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 4 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 23L2 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
 Characteristics at this DB Confirmation of supply polarity: (No) Phase sequence confirmed (where appropriate): Z_s (0.19) Ω Z_f (1.37) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.19		>200	>200	500	✓	0.36			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.42			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.49		>200	>200	500	✓	0.66			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.42			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.17		>200	>200	500	✓	0.34			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.55		>200	>200	500	✓	0.72			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 130 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 23L3 Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17) Ω I_{Δf} (1.36) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.32		>200	>200	500	✓	0.48			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.43			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.32		>200	>200	500	✓	0.48			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.38			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.39			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.64		>200	>200	500	✓	0.80			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 131 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 24L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω I_{Δf} (1.47) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.35					
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26	>200	>200	500	✓	0.37					
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.58	>200	>200	500	✓	0.69					
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27	>200	>200	500	✓	0.38					
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25	>200	>200	500	✓	0.36					
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.50	>200	>200	500	✓	0.61					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 132 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 4 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 24L2 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω I_{Δf} (1.92) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.34				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.33				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.57		>200	>200	500	✓	0.65				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.29				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.33				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.56		>200	>200	500	✓	0.64				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 133 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (24L3) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω Z_f (2.24) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)			Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.34		>200	>200	500	✓	0.43				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.37				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.53		>200	>200	500	✓	0.62				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.38				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.35				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.59		>200	>200	500	✓	0.68				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 68 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (17L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω Z_f (2.31) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.39				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.39				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.41				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.36				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.19		>200	>200	500	✓	0.31				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.52		>200	>200	500	✓	0.68				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 69 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (17L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω Z_f (2.25) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.31		>200	>200	500	✓	0.43		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.35		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.41		>200	>200	500	✓	0.53		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.36		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.34		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.58		>200	>200	500	✓	0.70		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 70 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 3 Signature: [Signature] Date: 31/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (17L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (2.02) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.30		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23	>200	>200	500	✓	0.32		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.49	>200	>200	500	✓	0.58		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23	>200	>200	500	✓	0.32		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.19	>200	>200	500	✓	0.28		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.53	>200	>200	500	✓	0.62		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 71 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: LEVEL 3 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (18L1) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A

Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω I_{Δn} (3.04) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910) Continuity: (.....)

Insulation resistance: (.....) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live	Live / Earth			Test voltage DC	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.43		
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.41		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.50		>200	>200	500	✓	0.66		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.38		
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.42		
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.54		>200	>200	500	✓	0.70		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 72 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (18L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω I_f (1.53) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Operating current, I _{Δn}	Maximum permitted Z _s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s	RCD operating time	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables				(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth				Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(mA)	(Ω)				(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
		(s)	(Ω)				(Ω)	(Ω)		(ms)	(ms)	(ms)	(Ω)																	
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.36							
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.15		>200	>200	500	✓	0.29							
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.48		>200	>200	500	✓	0.62							
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.36							
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.36							
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.53		>200	>200	500	✓	0.67							

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 73 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (18L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω Z_f (1.90) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.20	>200	>200	500	✓	0.41		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23	>200	>200	500	✓	0.44		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.48	>200	>200	500	✓	0.69		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23	>200	>200	500	✓	0.44		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.42		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.54	>200	>200	500	✓	0.75		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 74 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 3 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (19L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.21) Ω Z_f (1.14) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂										
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.20	>200	>200	500	✓	0.34			
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.18	>200	>200	500	✓	0.32			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.52	>200	>200	500	✓	0.66			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.38			
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.20	>200	>200	500	✓	0.34			
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.58	>200	>200	500	✓	0.72			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 75 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (19L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω Z_f (1.51) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.27	>200	>200	500	✓	0.44				
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.20	>200	>200	500	✓	0.37				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.48	>200	>200	500	✓	0.65				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.39				
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.41				
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.50	>200	>200	500	✓	0.67				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 76 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (19L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17) Ω Z_f (1.45) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.20	>200	>200	500	✓	0.47		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25	>200	>200	500	✓	0.52		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.45	>200	>200	500	✓	0.72		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23	>200	>200	500	✓	0.50		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.20	>200	>200	500	✓	0.47		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.54	>200	>200	500	✓	0.81		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: STUDIO ROOM 77 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 20L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (23) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.27) Ω Z_f (0.89) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂											
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.51			
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.53			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.50		>200	>200	500	✓	0.78			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.16		>200	>200	500	✓	0.44			
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.19		>200	>200	500	✓	0.47			
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.51		>200	>200	500	✓	0.79			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 78 **TESTED BY** Name (capitals): ROSS HARRISON Position: Engineer
 (to be completed in every case) Location of DB: LEVEL 3 Signature: Ross Harrison Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 20L2 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.28) Ω Z_f (0.87) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.17		>200	>200	500	✓	0.50			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.54			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.43		>200	>200	500	✓	0.76			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.53			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.58			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.50		>200	>200	500	✓	0.83			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 79 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 3 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 20L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (23) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.33) Ω Z_f (0.79) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73						>200	>200	500	✓				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73						>200	>200	500	✓				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73						>200	>200	500	✓				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73						>200	>200	500	✓				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73						>200	>200	500	✓				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28						>200	>200	500	✓				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 80 **TESTED BY** Name (capitals): ROSS HARRISON Position: Engineer
 (to be completed in every case) Location of DB: LEVEL 3 Signature: Ross Harrison Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 21L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22.5) ms
 Characteristics at this DB Confirmation of supply polarity: () Phase sequence confirmed (where appropriate): Z_s () Ω Z_f () kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Operating current, I _{Δn}	Maximum permitted Z _s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s	RCD operating time	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables				(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth				Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n				(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
		(s)																												
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.50						
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.55						
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.53		>200	>200	500	✓	0.81						
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.51						
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.50						
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.59		>200	>200	500	✓	0.87						

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 81 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (21L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.28) Ω Z_f (0.84) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)			Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.31		>200	>200	500	✓	0.56				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.30		>200	>200	500	✓	0.55				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.52		>200	>200	500	✓	0.77				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.51				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.45				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.60		>200	>200	500	✓	0.85				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 82 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 3 Signature: [Signature] Date: 31/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 21L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.25) Ω I_{Δf} (0.895) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20	>200	>200	500	✓	0.46					
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28	>200	>200	500	✓	0.54					
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.51	>200	>200	500	✓	0.77					
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.50					
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.50					
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.54	>200	>200	500	✓	0.80					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 83 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 22L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.26) Ω Z_f (0.97) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.20	>200	>200	500	✓	0.46		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.47		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.53	>200	>200	500	✓	0.79		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.18	>200	>200	500	✓	0.44		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.46		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.59	>200	>200	500	✓	0.85		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 84 TESTED BY Name (capitals): ROSS HARRISON Position: Engineer
 Location of DB: LEVEL 3 Signature: *Ross Harrison* Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 22L2 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.26) Ω Z_f (1.01) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20	>200	>200	500	✓	0.40					
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28	>200	>200	500	✓	0.48					
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.54	>200	>200	500	✓	0.74					
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25	>200	>200	500	✓	0.45					
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26	>200	>200	500	✓	0.46					
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.33	>200	>200	500	✓	0.73					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 85 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 3 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 22L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.20) Ω I_{Δf} (1.22) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.46				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.47				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.55		>200	>200	500	✓	0.75				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.48				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.44				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.58		>200	>200	500	✓	0.78				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 86 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 23L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.20) Ω Z_f (1.08) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				>200	>200	500	✓	0.39						
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				>200	>200	500	✓	0.29						
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				>200	>200	500	✓	0.69						
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				>200	>200	500	✓	0.38						
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				>200	>200	500	✓	0.39						
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				>200	>200	500	✓	0.70						

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 87 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 23L2 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω Z_f (1.80) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂										
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.39			
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.29	>200	>200	500	✓	0.44			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.55	>200	>200	500	✓	0.70			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.28	>200	>200	500	✓	0.43			
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.19	>200	>200	500	✓	0.34			
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.53	>200	>200	500	✓	0.68			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 88 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 23L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω I_f (1.44) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25	>200	>200	500	✓	0.38				
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.33	>200	>200	500	✓	0.46				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.57	>200	>200	500	✓	0.70				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.27	>200	>200	500	✓	0.40				
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.28	>200	>200	500	✓	0.41				
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.65	>200	>200	500	✓	0.78				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 89 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 24L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_f (1.17) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.39			
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.37			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.49		>200	>200	500	✓	0.61			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.35			
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.34			
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.55		>200	>200	500	✓	0.67			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 90 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 3 Signature: Date: 31/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 24L2 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (1.89) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth			Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
5L2	DOOR CONTROL & INTRUDER	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.36		>200	>200	500	✓	0.41						
5L3	EAST CORRIDOR MAGLOCK	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73						>200	>200	500	✓							
6L1	HEATER CONTROL PANEL	A	B	1	2.5	1.5	0.4	61009 RCD/RCBO	B	16	6	30	2.73			0.07		>200	>200	500	✓	0.12	19	✓				
6L2	EAST CORRIDOR LIGHTING	A	B		1.5	1.0	0.4	61009 RCD/RCBO	B	10	6	30	4.37					>200	>200	500	✓							
6L3	EAST CORRIDOR POWER	A	B		1.5	1.0	0.4	61009 RCD/RCBO	B	32	6	30	1.37					>200	>200	500	✓							
15L1	NORTH CORRIDOR MAGLOCK	A	B	1	2.5	1.5	0.4	60898 MCB	B	16		2.73				0.48		>200	>200	500	✓	0.53						
15L2	NORTH CORRIDOR LIGHTING	A	B	47	1.5	1.0	0.4	61009 RCD/RCBO	B	10		30	4.37			1.36		>200	>200	500	✓	1.41	20	✓				
15L3	NORTH CORRIDOR POWER	A	B	5	2.5	1.5	0.4	61009 RCD/RCBO	B	32		30	1.37			0.49		>200	>200	500	✓	0.75	19	✓				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: LEVEL 3 MAINS TESTED BY Name (capitals): Position: Location of DB: LEVEL 3 Signature: Date:

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: () Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.05) Ω Z_f () kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: () Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.46		>200	>200	500	✓	0.60		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.38		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.28		>200	>200	500	✓	0.42		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 1 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (15L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω I_{Δf} (1.26) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.57		>200	>200	500	✓	0.68			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.36			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.51		>200	>200	500	✓	0.62			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 2 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (15L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω I_{Δf} (2.12) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.52	>200	>200	500	✓	0.66		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.26	>200	>200	500	✓	0.40		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.38	>200	>200	500	✓	0.52		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 3 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (16L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22) ms
 Characteristics at this DB Confirmation of supply polarity: (No) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω I_f (1.55) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.48		>200	>200	500	✓	0.63		
2	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.38		
3	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.36		>200	>200	500	✓	0.51		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 4 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (16L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω Z_f (1.47) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.44		>200	>200	500	✓	0.64			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.15		>200	>200	500	✓	0.35			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.30		>200	>200	500	✓	0.50			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 5 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (16L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.20) Ω Z_f (0.52) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.53		>200	>200	500	✓	0.64		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.39		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.38		>200	>200	500	✓	0.49		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: APARTMENT ROOM 6
 Location of DB: LEVEL 2
TESTED BY Name (capitals): RICK HARRIS
 Signature:
 Position: ELECTRICIAN
 Date: 31/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (17L1) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (28) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω Z_f (1.87) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.49		>200	>200	500	✓	0.70		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.45		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.44		>200	>200	500	✓	0.65		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 1a TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (17L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.21) Ω I_{Δf} (1.11) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂										
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.51		>200	>200	500	✓	0.73		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.45		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.33		>200	>200	500	✓	0.56		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT 2a **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (17L3) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.22) Ω I_{Δf} (1.14) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.48		>200	>200	500	✓	0.72			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.49			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.36		>200	>200	500	✓	0.60			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT 3a TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (18L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.24) Ω Z_{df} (1.01) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.49		>200	>200	500	✓	0.74		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.49		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.37		>200	>200	500	✓	0.62		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT 4a TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: Date: 31/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (18L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.25) Ω Z_f (0.94) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)			Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.51		>200	>200	500	✓	0.77				
2	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.51				
3	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.42		>200	>200	500	✓	0.68				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 5a **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (19L1) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.26) Ω Z_f (0.93) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.46		>200	>200	500	✓	0.72			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.50			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.34		>200	>200	500	✓	0.60			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: APARTMENT 6a **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (18L3) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.26) Ω I_{Δf} (0.89) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth			Test voltage DC	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)									
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.46		>200	>200	500	✓	0.91				
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.71				
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.41		>200	>200	500	✓	0.85				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 1b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (19L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21.2) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.44) Ω Z_f (557) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.48		>200	>200	500	✓	0.93			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.06		>200	>200	500	✓	0.51			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.14		>200	>200	500	✓	0.59			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: APARTMENT ROOM 2b
 Location of DB: LEVEL 2
TESTED BY Name (capitals): RICK HARRIS
 Signature:
 Position: ELECTRICIAN
 Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (19L3) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (23.3) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.45) Ω I_{Δf} (542) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth			Test voltage DC	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.46		>200	>200	500	✓	0.95			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.74			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.39		>200	>200	500	✓	0.58			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 3b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 20L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.49) Ω I_{Δf} (449) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.45		>200	>200	500	✓	0.91			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.68			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.28		>200	>200	500	✓	0.74			

DISTRIBUTION BOARD (DB) DETAILS DB designation: APARTMENT ROOM 4b **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (22.5.....) ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.46.....) Ω I_{Δf} (232.....) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)									
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.46		>200	>200	500	✓	0.93				
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.30		>200	>200	500	✓	0.77				
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.32		>200	>200	500	✓	0.79				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT 5b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 20L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21.4) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.47) Ω I_{Δf} (519) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.39		>200	>200	500	✓	0.86		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.70		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.28		>200	>200	500	✓	0.75		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: APARTMENT ROOM 6b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 21L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.47) Ω I_{Δf} (522) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.38		>200	>200	500	✓	0.84		
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.19		>200	>200	500	✓	0.65		
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.27		>200	>200	500	✓	0.73		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: APARTMENT ROOM 7b
 Location of DB: LEVEL 2
TESTED BY Name (capitals): RICK HARRIS
 Signature:
 Position: ELECTRICIAN
 Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (21L2) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.46) Ω Z_{df} (533) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)									
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.40		>200	>200	500	✓	0.86				
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.42		>200	>200	500	✓	0.72				
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.46		>200	>200	500	✓	0.74				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 9b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 23L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22.2) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.28) Ω I_f (0.68) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: 514570910 Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons					
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.40		>200	>200	500	✓	0.81			
2	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.62			
3	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.32		>200	>200	500	✓	0.73			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: APARTMENT ROOM 10b TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 23L2 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22.1) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.41) Ω I_{Δf} (601) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: 514570910 Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live	Live / Earth			Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)					
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.31	>200	>200	500	✓	0.62		
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.53		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.52	>200	>200	500	✓	0.83		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.53		
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.15	>200	>200	500	✓	0.46		
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.67	>200	>200	500	✓	0.98		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: STUDIO ROOM 43 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 22L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.31) Ω Z_f (0.78) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth			Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.44				
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.46				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.33		>200	>200	500	✓	0.50				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.45				
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.37				
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.80		>200	>200	500	✓	0.97				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 45 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (23L2) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17) Ω I_{Δf} (1.17) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.39		>200	>200	500	✓	0.58				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.33		>200	>200	500	✓	0.52				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.42		>200	>200	500	✓	0.61				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.48				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.39				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.71		>200	>200	500	✓	0.90				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 46 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 23L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.19) Ω Z_f (1.22) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.36				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.41				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.32		>200	>200	500	✓	0.48				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.39				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.39				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.69		>200	>200	500	✓	0.85				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 47 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 2 Signature: [Signature] Date: 31/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 24L1 Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω I_{Δf} (1.38) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.36			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.44			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.31		>200	>200	500	✓	0.46			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.41			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.39			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.73		>200	>200	500	✓	0.88			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 48 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 2 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 24L2 Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω I_{Δf} (1.38) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.19	>200	>200	500	✓	0.34		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.26	>200	>200	500	✓	0.41		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.45	>200	>200	500	✓	0.60		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.26	>200	>200	500	✓	0.41		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.16	>200	>200	500	✓	0.31		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.64	>200	>200	500	✓	0.79		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 49 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 24L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (301) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω Z_f (1.84) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth			Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
5L2	DOOR CONTROL & INTRUDER	A	B	3	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.23		>200	>200	500	✓	0.29					
5L3	MAGLOCK EAST CORRIDOR	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.59		>200	>200	500	✓	0.65					
6L1	HEATER CONTROL SPUR	A	B	2	2.5	1.5	0.4	61009	RCD/RCBO	B	16	6	30	2.73			0.23		>200	>200	500	✓	0.29	19				
6L2	EAST CORRIDOR LIGHTS	A	B	44	1.5	1.0	0.4	61009	RCD/RCBO	B	10	6	30	4.37			1.13		>200	>200	500	✓	1.19	17				
6L3	EAST CORRIDOR POWER	A	B	3	2.5	1.5	0.4	61009	RCD/RCBO	B	32	6	30	1.37			0.49		>200	>200	500	✓	0.59	19				
13L1	MAGLOCK NORTH CORRIDOR	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.51		>200	>200	500	✓	0.57					
13L2	NORTH CORRIDOR LIGHTS	A	B	59	1.5	1.0	0.4	61009	RCD/RCBO	B	10	6	30	4.37			2.12		>200	>200	500	✓	2.18	19				
13L2	NORTH CORRIDOR A LIGHTS	A	B	29	1.5	1.0	0.4	61009	RCD/RCBO	B	10	6	30	4.37			1.16		>200	>200	500	✓	1.22	15				
13L3	NORTH CORRIDOR POWER	A	B	6	2.5	1.5	0.4	61009	RCD/RCBO	B	32	6	30	1.37			0.49		>200	>200	500	✓	0.77	19				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: MAINS ROOM LEVEL 2 TESTED BY Name (capitals): Position: Location of DB: LEVEL 2 Signature: Date:

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: () Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: () ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.06) Ω Z_f () kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: () Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂										
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.42	>200	>200	500	✓	0.54							
2	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.39	>200	>200	500	✓	0.51							
3	HOB	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.36	>200	>200	500	✓	0.48							
4	KITCHEN SOCKETS	A	B	4	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.59	>200	>200	500	✓	0.71							
5	FRIDGE	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.45	>200	>200	500	✓	0.57							
6	FRIDGE	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.40	>200	>200	500	✓	0.52							
7	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.34	>200	>200	500	✓	0.46							
8	SOCKETS	A	B	4	2.5	1.5	0.4	60898 MCB	B	20	6	2.19				0.58	>200	>200	500	✓	0.70							
9	LIGHTING	A	B	16	1.5	1.0	0.4	60898 MCB	B	6	6	7.28				0.77	>200	>200	500	✓	0.89							

DISTRIBUTION BOARD (DB) DETAILS DB designation: KITCHEN 1 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL LG Signature: [Signature] Date: 29/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (1L2) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (30) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (98) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_f (1.73) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity:
 Insulation resistance: Earth fault loop impedance:
 Earth electrode resistance: RCD:
 (.....) (.....)

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)			RCD	AFDD
		Live (mm ²)	cpc (mm ²)			Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.34		>200	>200	500	✓	0.44				
2	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.29		>200	>200	500	✓	0.39				
3	HOB	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.24		>200	>200	500	✓	0.34				
4	KITCHEN SOCKETS	A	B	3	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.43		>200	>200	500	✓	0.53				
5	FRIDGE	A	B	4	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.60		>200	>200	500	✓	0.70				
6	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.21		>200	>200	500	✓	0.31				
7	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.30		>200	>200	500	✓	0.40				
8	SOCKETS	A	B	4	2.5	1.5	0.4	60898 MCB	B	20	6	2.19				0.56		>200	>200	500	✓	0.66				
9	LIGHTING	A	B	16	1.5	1.0	0.4	60898 MCB	B	6	6	7.28				0.62		>200	>200	500	✓	0.72				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: KITCHEN 2
 Location of DB: LEVEL LG

TESTED BY

Name (capitals): RICK HARRIS
 Signature: 
 Position: ELECTRICIAN
 Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (1L3.....) Nominal voltage: (230.....)V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....)A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....)mA Operating time: (61.....)ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.10.....)Ω Z_f (2.26.....)kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)			RCD	AFDD
		Live (mm ²)	cpc (mm ²)				Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.20		>200	>200	500	✓	0.29				
2	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.15		>200	>200	500	✓	0.24				
3	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.20		>200	>200	500	✓	0.29				
4	KITCHEN SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.32		>200	>200	500	✓	0.41				
5	FRIDGE & DISHWASHER	A	B	3	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.27		>200	>200	500	✓	0.36				
6	FRIDGE	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.44		>200	>200	500	✓	0.53				
7	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.23		>200	>200	500	✓	0.32				
8	SOCKETS	A	B	4	2.5	1.5	0.4	60898	MCB	B	20	6	2.19				0.33		>200	>200	500	✓	0.42				
9	LIGHTING	A	B	10	1.5	1.0	0.4	60898	MCB	B	6	6	7.28				0.59		>200	>200	500	✓	0.68				

DISTRIBUTION BOARD (DB) DETAILS DB designation: KITCHEN 3 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (15L1) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (45) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (77) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω Z_f (2.55) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂										
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.23		>200	>200	500	✓	0.43						
2	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.23		>200	>200	500	✓	0.43						
3	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.22		>200	>200	500	✓	0.42						
4	KITCHEN SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.34		>200	>200	500	✓	0.54						
5	FRIDGE	A	B	3	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.30		>200	>200	500	✓	0.50						
6	DISHWASHER & WINE COOLER	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.46		>200	>200	500	✓	0.66						
7	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.12		>200	>200	500	✓	0.32						
8	SOCKETS	A	B	4	2.5	1.5	0.4	60898 MCB	B	20	6	2.19				0.50		>200	>200	500	✓	0.70						
9	LIGHTING	A	B	10	1.5	1.0	0.4	60898 MCB	B	6	6	7.28				0.81		>200	>200	500	✓	1.01						

DISTRIBUTION BOARD (DB) DETAILS DB designation: KITCHEN 4 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (15L2) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (100) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.20) Ω I_f (1.31) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity:
 Insulation resistance: Earth fault loop impedance:
 Earth electrode resistance: RCD:
 (.....) (.....)

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)			BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂										
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.30		>200	>200	500	✓	0.42					
2	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.29		>200	>200	500	✓	0.41					
3	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.39		>200	>200	500	✓	0.51					
4	KITCHEN SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.52		>200	>200	500	✓	0.64					
5	FRIDGE	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.58		>200	>200	500	✓	0.70					
6	FRIDGE	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.35		>200	>200	500	✓	0.47					
7	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.23		>200	>200	500	✓	0.35					
8	SOCKETS	A	B	4	2.5	1.5	0.4	60898 MCB	B	20	6	2.19				0.67		>200	>200	500	✓	0.79					
9	LIGHTING	A	B	10	1.5	1.0	0.4	60898 MCB	B	6	6	7.28				0.77		>200	>200	500	✓	0.89					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: KITCHEN 5 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (15L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (270) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_f (1.99) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD				
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂					Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.22		>200	>200	500	✓	0.33			
2	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.23		>200	>200	500	✓	0.34			
3	HOB	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.26		>200	>200	500	✓	0.37			
4	KITCHEN SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.40		>200	>200	500	✓	0.51			
5	FRIDGE	A	B	4	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.76		>200	>200	500	✓	0.87			
6	SPARE																								
7	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.41		>200	>200	500	✓	0.52			
8	SOCKETS	A	B	4	2.5	1.5	0.4	60898 MCB	B	20	6	2.19				0.50		>200	>200	500	✓	0.61			
9	LIGHTING	A	B	10	1.5	1.0	0.4	60898 MCB	B	6	6	7.28				0.55		>200	>200	500	✓	0.66			

DISTRIBUTION BOARD (DB) DETAILS DB designation: KITCHEN 6 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL UG Signature: [Signature] Date: 31/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (4L1) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (78) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω Z_f (2.22) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth			Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.40	>200	>200	500	✓	0.56							
2	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.37	>200	>200	500	✓	0.53							
3	HOB	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.38	>200	>200	500	✓	0.54							
4	KITCHEN SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.55	>200	>200	500	✓	0.71							
5	FRIDGE	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.54	>200	>200	500	✓	0.70							
6	FRIDGE	A	B	4	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.26	>200	>200	500	✓	0.42							
7	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.42	>200	>200	500	✓	0.58							
8	SOCKETS	A	B	4	2.5	1.5	0.4	60898 MCB	B	20	6	2.19				0.39	>200	>200	500	✓	0.65							
9	LIGHTING	A	B	20	1.5	1.0	0.4	60898 MCB	B	6	6	7.28				0.58	>200	>200	500	✓	0.74							

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: KITCHEN 7 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (4L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (199) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω I_{Δf} (1.54) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)			BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.15	>200	>200	500	✓	0.26					
2	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.15	>200	>200	500	✓	0.26					
3	HOB	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.19	>200	>200	500	✓	0.30					
4	KITCHEN SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.14	>200	>200	500	✓	0.25					
5	FRIDGE	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.24	>200	>200	500	✓	0.35					
6	FRIDGE	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.37	>200	>200	500	✓	0.48					
7	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.33	>200	>200	500	✓	0.44					
8	SOCKETS	A	B	4	2.5	1.5	0.4	60898 MCB	B	20	6	2.19				0.24	>200	>200	500	✓	0.35					
9	LIGHTING	A	B	10	1.5	1.0	0.4	60898 MCB	B	6	6	7.28				0.78	>200	>200	500	✓	0.89					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: KITCHEN 8 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (14L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (113) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω Z_f (2.22) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth			Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.21		>200	>200	500	✓	0.26					
2	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.23		>200	>200	500	✓	0.28					
3	HOB	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.25		>200	>200	500	✓	0.30					
4	KITCHEN SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.35		>200	>200	500	✓	0.40					
5	FRIDGE	A	B	3	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.28		>200	>200	500	✓	0.33					
6	WINE COOLER & DISHWASHER	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.45		>200	>200	500	✓	0.50					
7	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.20		>200	>200	500	✓	0.25					
8	SOCKETS	A	B	4	2.5	1.5	0.4	60898	MCB	B	20	6	2.19				0.50		>200	>200	500	✓	0.55					
9	LIGHTING	A	B	10	1.5	1.0	0.4	60898	MCB	B	6	6	7.28				0.83		>200	>200	500	✓	0.88					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: KITCHEN 9 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (14L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.05) Ω Z_f (4.16) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons	
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)			RCD	AFDD
		Live (mm ²)	cpc (mm ²)				Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER LHS	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.29		>200	>200	500	✓	0.46				
2	COOKER RHS	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.31		>200	>200	500	✓	0.48				
3	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.30		>200	>200	500	✓	0.47				
4	KITCHEN SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.28		>200	>200	500	✓	0.45				
5	FRIDGE	A	B	3	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.32		>200	>200	500	✓	0.49				
6	FRIDGE	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.43		>200	>200	500	✓	0.60				
7	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.23		>200	>200	500	✓	0.40				
8	SOCKETS	A	B	4	2.5	1.5	0.4	60898	MCB	B	20	6	2.19				0.69		>200	>200	500	✓	0.86				
9	LIGHTING	A	B	10	1.5	1.0	0.4	60898	MCB	B	6	6	7.28				0.72		>200	>200	500	✓	0.89				

DISTRIBUTION BOARD (DB) DETAILS DB designation: KITCHEN 10 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 1 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (15L1) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (102) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17) Ω I_f (1.33) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.36	>200	>200	500	✓	0.43						
2	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.51	>200	>200	500	✓	0.58						
3	HOB	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.23	>200	>200	500	✓	0.30						
4	KITCHEN SOCKETS	A	B	4	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.20	>200	>200	500	✓	0.27						
5	FRIDGE	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.59	>200	>200	500	✓	0.66						
6	SPARE																										
7	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	2.73				0.24	>200	>200	500	✓	0.31						
8	SOCKETS	A	B	4	2.5	1.5	0.4	60898 MCB	B	20	6	2.19				0.49	>200	>200	500	✓	0.56						
9	LIGHTING	A	B	16	1.5	1.0	0.4	60898 MCB	B	6	6	7.28				0.66	>200	>200	500	✓	0.71						

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: KITCHEN 11 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (4L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (45) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (55) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.07) Ω Z_f (3.28) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.45	>200	>200	500	✓	0.72					
2	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.45	>200	>200	500	✓	0.72					
3	HOB	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.44	>200	>200	500	✓	0.71					
4	KITCHEN SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.69	>200	>200	500	✓	0.96					
5	FRIDGE	A	B	4	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.63	>200	>200	500	✓	0.90					
6	FRIDGE	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.33	>200	>200	500	✓	0.60					
7	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.43	>200	>200	500	✓	0.70					
8	SOCKETS	A	B	4	2.5	1.5	0.4	60898	MCB	B	20	6	2.19				0.71	>200	>200	500	✓	0.98					
9	LIGHTING	A	B	20	1.5	1.0	0.4	60898	MCB	B	6	6	7.28				0.62	>200	>200	500	✓	0.89					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: KITCHEN 12 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 1 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (4L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.27) Ω Z_f (0.87) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.36		>200	>200	500	✓	0.44				
2	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.25		>200	>200	500	✓	0.33				
3	HOB & KITCHEN SOCKETS	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.27		>200	>200	500	✓	0.35				
4	SPARE																										
5	FRIDGE	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.54		>200	>200	500	✓	0.62				
6	FRIDGE	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.36		>200	>200	500	✓	0.44				
7	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.27		>200	>200	500	✓	0.35				
8	SOCKETS	A	B	4	2.5	1.5	0.4	60898	MCB	B	20	6	2.19				0.51		>200	>200	500	✓	0.59				
9	LIGHTING	A	B	16	1.5	1.0	0.4	60898	MCB	B	6	6	7.28				0.85		>200	>200	500	✓	0.93				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: KITCHEN 13 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (14L2) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A

Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.08) Ω Z_f (3.08) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)			BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER RHS	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.27		>200	>200	500	✓	0.44			
2	COOKER LHS	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.26		>200	>200	500	✓	0.43			
3	HOB	A	B	3	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.31		>200	>200	500	✓	0.48			
4	KITCHEN SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.24		>200	>200	500	✓	0.41			
5	FRIDGE & DISHWASHER	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.34		>200	>200	500	✓	0.51			
6	FRIDGE	A	B	3	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.54		>200	>200	500	✓	0.71			
7	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.12		>200	>200	500	✓	0.29			
8	SOCKETS	A	B	4	2.5	1.5	0.4	60898	MCB	B	20	6	2.19				0.53		>200	>200	500	✓	0.70			
9	LIGHTING	A	B	10	1.5	1.0	0.4	60898	MCB	B	6	6	7.28				0.73		>200	>200	500	✓	0.90			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: KITCHEN 14 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (14L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (179) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17) Ω I_{Δf} (1.40) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER LHS	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.40	>200	>200	500	✓	0.58					
2	COOKER RHS	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.29	>200	>200	500	✓	0.47					
3	HOB	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.29	>200	>200	500	✓	0.47					
4	KITCHEN SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.66	>200	>200	500	✓	0.84					
5	FRIDGE	A	B	4	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.52	>200	>200	500	✓	0.70					
6	FRIDGE	A	B	3	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.62	>200	>200	500	✓	0.80					
7	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73				0.29	>200	>200	500	✓	0.47					
8	SOCKETS	A	B	4	2.5	1.5	0.4	60898	MCB	B	20	6	2.19				0.73	>200	>200	500	✓	0.91					
9	LIGHTING	A	B	10	1.5	1.0	0.4	60898	MCB	B	6	6	7.28				0.86	>200	>200	500	✓	1.04					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: KITCHEN 15 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (15L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (56) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.18) Ω Z_f (1.32) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂							
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.32	>200	>200	500	✓	0.47		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.26	>200	>200	500	✓	0.41		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.59	>200	>200	500	✓	0.74		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23	>200	>200	500	✓	0.38		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.18	>200	>200	500	✓	0.33		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.51	>200	>200	500	✓	0.66		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 92 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 3 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (7L1) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω I_{Δf} (1.63) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.35			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.34		>200	>200	500	✓	0.46			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.35			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.46		>200	>200	500	✓	0.58			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.51		>200	>200	500	✓	0.63			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.70		>200	>200	500	✓	0.82			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 1 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL UG Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (10L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.12) Ω I_{Δf} (1.54) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Operating current, I _{Δn}	Maximum permitted Z _s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s	RCD operating time	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables				(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth				Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n				(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
		(s)																												
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.40						
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.42						
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.13		>200	>200	500	✓	0.30						
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.38						
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.07		>200	>200	500	✓	0.24						
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.48		>200	>200	500	✓	0.65						

DISTRIBUTION BOARD (DB) DETAILS DB designation: STAFF KITCHEN
 (to be completed in every case) Location of DB: LG
TESTED BY Name (capitals): RICK HARRIS
 Signature: _____ Date: 28/08/2020
 Position: ELECTRICIAN

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (COMMUNAL D/B 6L2) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17) Ω I_{Δf} (1.49) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: _____
 Insulation resistance: _____ Earth fault loop impedance: _____
 Earth electrode resistance: _____ RCD: _____

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.35	>200	>200	500	✓	0.46					
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.32	>200	>200	500	✓	0.43					
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.34	>200	>200	500	✓	0.45					
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.60	>200	>200	500	✓	0.71					
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18	>200	>200	500	✓	0.29					
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.69	>200	>200	500	✓	0.80					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 154 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 5 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (8L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.11) Ω I_{Δf} (1.86) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.31		>200	>200	500	✓	0.48			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.46			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.54		>200	>200	500	✓	0.71			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.46			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.15		>200	>200	500	✓	0.32			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.88		>200	>200	500	✓	1.05			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 134 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (12L3) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17) Ω I_{Δf} (1.63) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.30	>200	>200	500	✓	0.43		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23	>200	>200	500	✓	0.36		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.49	>200	>200	500	✓	0.62		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.19	>200	>200	500	✓	0.32		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.19	>200	>200	500	✓	0.32		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.60	>200	>200	500	✓	0.73		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 135 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 4 EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (12L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω Z_f (2.39) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.34		>200	>200	500	✓	0.56				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.34		>200	>200	500	✓	0.56				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.55		>200	>200	500	✓	0.77				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.35		>200	>200	500	✓	0.57				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.42				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.64		>200	>200	500	✓	0.86				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 136 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (12L1) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.22) Ω Z_f (1.02) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.37	>200	>200	500	✓	0.54				
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.18	>200	>200	500	✓	0.35				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.51	>200	>200	500	✓	0.68				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.27	>200	>200	500	✓	0.44				
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.39				
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.57	>200	>200	500	✓	0.74				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 137 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (11L3) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17) Ω I_{Δf} (1.49) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.31	>200	>200	500	✓	0.57		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.32	>200	>200	500	✓	0.58		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.52	>200	>200	500	✓	0.78		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.52		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.19	>200	>200	500	✓	0.45		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.54	>200	>200	500	✓	0.82		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 138 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (11L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.26) Ω Z_f (0.85) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂							
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.89	>200	>200	500	✓	0.59		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23	>200	>200	500	✓	0.53		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.47	>200	>200	500	✓	0.77		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.51		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.51		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.73	>200	>200	500	✓	0.93		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 139 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL UG EAST Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (11L1) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (18) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.30) Ω I_{Δf} (0.93) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: Continuity:
 (514570910)
 Insulation resistance: Earth fault loop impedance:
 (.....)
 Earth electrode resistance: RCD:
 (.....) (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons						
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD			
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.31		>200	>200	500	✓	0.62				
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.59				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.51		>200	>200	500	✓	0.82				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.57				
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.60				
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.62		>200	>200	500	✓	0.93				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 140 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 4 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (10L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.31) Ω Z_f (0.85) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.34	>200	>200	500	✓	0.52		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.20	>200	>200	500	✓	0.38		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.30	>200	>200	500	✓	0.48		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.55	>200	>200	500	✓	0.73		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.39		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.66	>200	>200	500	✓	0.84		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 141 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 4 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (10L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.18) Ω I_f (1.40) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.33		>200	>200	500	✓	0.68				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.63				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.51		>200	>200	500	✓	0.86				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.64				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.19		>200	>200	500	✓	0.54				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.62		>200	>200	500	✓	0.97				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 142 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (10L2) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.35) Ω Z_f (0.71) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.13	>200	>200	500	✓	0.66		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.19	>200	>200	500	✓	0.61		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.54	>200	>200	500	✓	0.84		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.16	>200	>200	500	✓	0.59		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.57		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.68	>200	>200	500	✓	1.10		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 143 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 9L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.35) Ω Z_f (0.68) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.39	>200	>200	500	✓	0.73					
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.34	>200	>200	500	✓	0.65					
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.46	>200	>200	500	✓	0.80					
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27	>200	>200	500	✓	0.61					
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.17	>200	>200	500	✓	0.51					
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.85	>200	>200	500	✓	1.19					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 144 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 4 EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 9L2 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.34) Ω Z_f (0.68) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth			Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.44	>200	>200	500	✓	0.72						
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.36	>200	>200	500	✓	0.66						
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.52	>200	>200	500	✓	0.82						
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.35	>200	>200	500	✓	0.65						
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20	>200	>200	500	✓	0.50						
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.72	>200	>200	500	✓	1.02						

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 145 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 9L1 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.30) Ω Z_f (0.81) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.32	>200	>200	500	✓	0.64			
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.35	>200	>200	500	✓	0.67			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.67	>200	>200	500	✓	0.99			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.38	>200	>200	500	✓	0.70			
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.56			
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.69	>200	>200	500	✓	1.01			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 146 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 Signature: Date: 31/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (8L3) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.32) Ω Z_f (0.80) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)			Test voltage DC (V)	RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.40		>200	>200	500	✓	0.56			
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.41			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.60		>200	>200	500	✓	0.76			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.34		>200	>200	500	✓	0.50			
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.39			
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.70		>200	>200	500	✓	0.86			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 147 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (8L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω I_{Δf} (1.41) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.36		>200	>200	500	✓	0.62				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.55				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.48		>200	>200	500	✓	0.74				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.55				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.30		>200	>200	500	✓	0.46				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.62		>200	>200	500	✓	0.88				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 148 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (8L1) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.26) Ω Z_f (0.86) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Operating current, I _{Δn}	Maximum permitted Z _s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s	RCD operating time	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables				(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth				Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(mA)	(Ω)				(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
		(s)	(Ω)				(Ω)	(Ω)		(ms)	(ms)	(ms)	(Ω)																	
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.38		>200	>200	500	✓	0.60							
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.34		>200	>200	500	✓	0.56							
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.47		>200	>200	500	✓	0.69							
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.32		>200	>200	500	✓	0.54							
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.17		>200	>200	500	✓	0.39							
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.65		>200	>200	500	✓	0.87							

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 149 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (7L3) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.22) Ω Z_f (0.91) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Operating current, I _{Δn}	Maximum permitted Z _s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s	RCD operating time	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables				(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth				Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n				(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
		(s)																												
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.38		>200	>200	500	✓	0.54						
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.18		>200	>200	500	✓	0.34						
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.52		>200	>200	500	✓	0.68						
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.45						
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.39						
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.64		>200	>200	500	✓	0.82						

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 150 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (7L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω I_{Δf} (1.53) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Operating current, I _{Δn}	Maximum permitted Z _s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s	RCD operating time	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables				(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth				Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n				(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
		(s)																												
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.45						
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.47						
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.48		>200	>200	500	✓	0.68						
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.44						
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.36		>200	>200	500	✓	0.36						
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.66		>200	>200	500	✓	0.86						

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 151 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (7L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.20) Ω Z_f (1.29) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth			Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73					>200	>200	500	✓	0.48						
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73					>200	>200	500	✓	0.30						
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73					>200	>200	500	✓	0.38						
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73					>200	>200	500	✓	0.37						
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73					>200	>200	500	✓	0.33						
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28					>200	>200	500	✓							

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 152 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 4 EAST Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (6L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.10) Ω Z_f (2.23) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.38			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.35			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.49		>200	>200	500	✓	0.64			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.38			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.35			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.51		>200	>200	500	✓	0.66			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 52 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (7L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
 Characteristics at this DB Confirmation of supply polarity: () Phase sequence confirmed (where appropriate): Z_s (0.15) Ω I_{Δf} (1.51) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.38			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.35			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.49		>200	>200	500	✓	0.64			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.38			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.35			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.51		>200	>200	500	✓	0.66			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 53 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: LEVEL 2 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (8L1) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A

Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω I_{Δf} (1.51) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910) Continuity: (.....)

Insulation resistance: (.....) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.17		>200	>200	500	✓	0.35				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.15		>200	>200	500	✓	0.33				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.48		>200	>200	500	✓	0.66				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.38				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.13		>200	>200	500	✓	0.31				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.53		>200	>200	500	✓	0.71				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 54 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 4 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (8L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN) Rating: (40) A
 Associated RCD (if any) Type: (BS EN) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.18) Ω I_{Δf} (1.46) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.38					
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.40					
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.50	>200	>200	500	✓	0.66					
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.38					
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.19	>200	>200	500	✓	0.35					
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.56	>200	>200	500	✓	0.72					

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 55 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 2 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (8L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (18) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω I_{Δf} (1.51) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)			Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73						>200	>200	500	✓				
2	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73						>200	>200	500	✓				
3	HOB	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73						>200	>200	500	✓	0.31			
4	KITCHEN SOCKETS	A	B	4	2.5	1.5	0.4	60898	MCB	B	16	6	2.73						>200	>200	500	✓				
5	FRIDGE	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	2.73						>200	>200	500	✓				
6	FRIDGE	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	2.73						>200	>200	500	✓				
7	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	2.73						>200	>200	500	✓	0.35			
8	SOCKETS	A	B	4	2.5	1.5	0.4	60898	MCB	B	20	6	2.19						>200	>200	500	✓				
9	LIGHTING	A	B	16	1.5	1.0	0.4	60898	MCB	B	6	6	7.28						>200	>200	500	✓	1.02			

DISTRIBUTION BOARD (DB) DETAILS DB designation: KITCHEN 26 **TESTED BY** Name (capitals): Position:
 (to be completed in every case) Location of DB: LEVEL UG Signature: Date:

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....)V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....)A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....)mA Operating time: (.....)ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.20.....)Ω Z_f (1.2.....)kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: Continuity:
 (.....) (.....)
 Insulation resistance: Earth fault loop impedance:
 (.....) (.....)
 Earth electrode resistance: RCD:
 (.....) (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons				
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD	
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.51	>200	>200	500	✓	0.51			
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.42	>200	>200	500	✓	0.42			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.52	>200	>200	500	✓	0.52			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.43	>200	>200	500	✓	0.43			
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.41	>200	>200	500	✓	0.41			
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.87	>200	>200	500	✓	0.87			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 175-16L3 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 5 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (20.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.25.....) Ω Z_f (1.1.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.52	>200	>200	500	✓	0.52				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.49	>200	>200	500	✓	0.49				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.72	>200	>200	500	✓	0.72				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.49	>200	>200	500	✓	0.49				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.52	>200	>200	500	✓	0.52				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.91	>200	>200	500	✓	0.91				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: STUDIO ROOM 175-16L2 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 5 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (22.4.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.26.....) Ω I_{Δf} (945.....) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.52				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.47				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.47		>200	>200	500	✓	0.74				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.51				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.53				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.20		>200	>200	500	✓	0.52				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 174-16L1 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (.....) Nominal voltage: (230.....)V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....)A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....)mA Operating time: (22.4.....)ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.27.....)Ω I_{Δf} (901.....)kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.35	>200	>200	500	✓	0.44					
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.29	>200	>200	500	✓	0.38					
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.49	>200	>200	500	✓	0.58					
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.30	>200	>200	500	✓	0.39					
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.38	>200	>200	500	✓	0.47					
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.59	>200	>200	500	✓	0.68					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: STUDIO ROOM 153 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 5 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (8L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (17) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.09) Ω Z_f (2.89) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.34	>200	>200	500	✓	0.50					
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28	>200	>200	500	✓	0.44					
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.50	>200	>200	500	✓	0.66					
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27	>200	>200	500	✓	0.43					
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22	>200	>200	500	✓	0.38					
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.59	>200	>200	500	✓	0.75					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 156 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 5 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (8L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (17) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.16) Ω Z_f (1.65) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.35		>200	>200	500	✓	0.49				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.30		>200	>200	500	✓	0.44				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.53		>200	>200	500	✓	0.67				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.40				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.34				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.59		>200	>200	500	✓	0.73				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 155 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 5 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (7L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω Z_f (1.82) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.33		>200	>200	500	✓	0.50			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.38			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.50		>200	>200	500	✓	0.67			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.44			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.17		>200	>200	500	✓	0.34			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.61		>200	>200	500	✓	0.78			

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 157 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 5 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (7L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.17) Ω Z_f (1.61) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.36	>200	>200	500	✓	0.57					
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28	>200	>200	500	✓	0.49					
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.53	>200	>200	500	✓	0.74					
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27	>200	>200	500	✓	0.48					
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23	>200	>200	500	✓	0.44					
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.63	>200	>200	500	✓	0.84					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 158 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 5 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (7L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.21) Ω I_{Δf} (1.23) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.33		>200	>200	500	✓	0.55				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.15		>200	>200	500	✓	0.37				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.53		>200	>200	500	✓	0.75				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.50				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.19		>200	>200	500	✓	0.41				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.62		>200	>200	500	✓	0.84				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 159 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 5 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: 6L3 Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.22) Ω Z_f (0.92) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.30		>200	>200	500	✓	0.55			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.48			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.50		>200	>200	500	✓	0.73			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.21		>200	>200	500	✓	0.46			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18		>200	>200	500	✓	0.43			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.59		>200	>200	500	✓	0.84			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 160 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 5 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (6L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.25) Ω Z_f (0.25) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.35		>200	>200	500	✓	0.64				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.57				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.55		>200	>200	500	✓	0.84				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.26		>200	>200	500	✓	0.55				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.49				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.65		>200	>200	500	✓	0.94				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 161 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 5 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (6L1) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.29) Ω Z_f (0.87) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.51				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.15		>200	>200	500	✓	0.37				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.49		>200	>200	500	✓	0.71				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.49				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.16		>200	>200	500	✓	0.38				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.56		>200	>200	500	✓	0.78				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 162 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 5 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 5L3 Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.22) Ω Z_f (1.26) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)		All circuits (complete at least one column)			Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.34		>200	>200	500	✓	0.54				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.19		>200	>200	500	✓	0.39				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.52		>200	>200	500	✓	0.72				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.48				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.19		>200	>200	500	✓	0.39				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.59		>200	>200	500	✓	0.79				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 163 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 5 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (5L2) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.20) Ω Z_f (1.09) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Type of wiring (see Codes)	Reference Method (BS 7671)		Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
		Max. disconnection time (BS 7671)	BS (EN)		Type	Rating (A)	Short-circuit capacity (kA)	Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)	Max. measured earth fault loop impedance, Z _s (Ω)	(ms)			RCD	AFDD		
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.32		>200	>200	500	✓	0.54				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.15		>200	>200	500	✓	0.37				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.50		>200	>200	500	✓	0.72				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.45				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.17		>200	>200	500	✓	0.39				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.59		>200	>200	500	✓	0.81				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 164 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 5 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (5L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.22) Ω Z_f (1.03) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂									
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.36	>200	>200	500	✓	0.68		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.30	>200	>200	500	✓	0.62		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.54	>200	>200	500	✓	0.86		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.30	>200	>200	500	✓	0.62		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.25	>200	>200	500	✓	0.57		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.62	>200	>200	500	✓	0.94		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 165 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 5 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (13L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.32) Ω Z_f (0.71) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.34		>200	>200	500	✓	0.70				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.65				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.51		>200	>200	500	✓	0.87				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.64				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.20		>200	>200	500	✓	0.56				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.61		>200	>200	500	✓	0.97				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 166 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 5 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (13L2) Nominal voltage: (230) V No. of phases: (1)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (16) ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.36) Ω Z_f (0.70) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Operating current, I _{Δn}	Maximum permitted Z _s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s	RCD operating time	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables				(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth				Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n				(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
		(s)	(mA)				(Ω)	(MΩ)		(MΩ)	(V)	(Ω)	(ms)																	
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.36		>200	>200	500	✓	0.57							
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.14		>200	>200	500	✓	0.35							
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.54		>200	>200	500	✓	0.75							
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.31		>200	>200	500	✓	0.52							
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.22		>200	>200	500	✓	0.43							
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.68		>200	>200	500	✓	0.89							

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 167 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 5 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (13L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.21) Ω I_{Δf} (1.17) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.36	>200	>200	500	✓	0.65					
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27	>200	>200	500	✓	0.66					
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.48	>200	>200	500	✓	0.77					
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24	>200	>200	500	✓	0.53					
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.19	>200	>200	500	✓	0.48					
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.57	>200	>200	500	✓	0.86					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 168 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 5 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (14L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (23) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.29) Ω Z_f (0.85) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.28	>200	>200	500	✓	0.54		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.47		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.46	>200	>200	500	✓	0.72		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.21	>200	>200	500	✓	0.47		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.16	>200	>200	500	✓	0.42		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.64	>200	>200	500	✓	0.90		

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 169 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 5 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (14L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (19) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.26) Ω Z_f (0.94) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD	Operating current, I _{Δn}	Maximum permitted Z _s for installed protective device*	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Z _s	RCD operating time	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables				(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth				Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n				(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
		(s)	(mA)				(Ω)	(Ω)		(Ω)	(Ω)	(MΩ)	(MΩ)				(V)	(ms)												
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.30		>200	>200	500	✓	0.59							
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.57							
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.51		>200	>200	500	✓	0.80							
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.54							
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.19		>200	>200	500	✓	0.48							
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.67		>200	>200	500	✓	0.96							

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 170 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 5 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (14L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (24) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.29) Ω Z_f (0.88) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.36		>200	>200	500	✓	0.55				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.32		>200	>200	500	✓	0.51				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.46		>200	>200	500	✓	0.75				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.47				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.38		>200	>200	500	✓	0.49				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.68		>200	>200	500	✓	0.87				

DISTRIBUTION BOARD (DB) DETAILS DB designation: STUDIO ROOM 171 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: LEVEL 5 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (15L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.19) Ω I_f (1.12) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.29		>200	>200	500	✓	0.51				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.24		>200	>200	500	✓	0.46				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.48		>200	>200	500	✓	0.70				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.25		>200	>200	500	✓	0.47				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.17		>200	>200	500	✓	0.39				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.62		>200	>200	500	✓	0.84				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 172 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 5 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (15L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (20) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.22) Ω Z_f (1.16) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.45		>200	>200	500	✓	0.60				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.42				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.68		>200	>200	500	✓	0.63				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.28		>200	>200	500	✓	0.43				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.30		>200	>200	500	✓	0.45				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.62		>200	>200	500	✓	0.77				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case) DB designation: STUDIO ROOM 173 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 5 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (15L3) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (22) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.15) Ω Z_f (2.54) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD		
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)								
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.36		>200	>200	500	✓	0.50				
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18		>200	>200	500	✓	0.32				
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.58		>200	>200	500	✓	0.72				
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.30		>200	>200	500	✓	0.44				
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.23		>200	>200	500	✓	0.37				
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.68		>200	>200	500	✓	0.82				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 174 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 5 Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (16L1) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (21) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.14) Ω I_{Δf} (1.59) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

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PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live (MΩ)			Live / Earth (MΩ)	Test voltage DC (V)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.35	>200	>200	500	✓	0.48		
2	HOB	A	B	2	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.29	>200	>200	500	✓	0.42		
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.52	>200	>200	500	✓	0.65		
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.28	>200	>200	500	✓	0.41		
5	HEATER	A	B	1	2.5	1.5	0.4	60898	MCB	B	16	6	N/A	2.73				0.19	>200	>200	500	✓	0.32		
6	LIGHTING	A	B	3	1.5	1	0.4	60898	MCB	B	6	6	N/A	7.28				0.65	>200	>200	500	✓	0.78		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 175 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL 5 Signature: [Signature] Date: 21/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (16L2) Nominal voltage: (230) V No. of phases: (1)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (23) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω Z_f (1.86) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			RCD	AFDD	
		Live (mm ²)	cpc (mm ²)		Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)							
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.33		>200	>200	500	✓	0.46			
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.31		>200	>200	500	✓	0.44			
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.53		>200	>200	500	✓	0.66			
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.27		>200	>200	500	✓	0.40			
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18		>200	>200	500	✓	0.31			
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.54		>200	>200	500	✓	0.67			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 176 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: LEVEL 5 Signature: Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (16L3) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B) Rating: (40) A

Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B) No. of poles: (1) I_{Δn} (30) mA Operating time: (15) ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.13) Ω I_{Δf} (2.19) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	COOKER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.09	>200	>200	500	✓	0.27					
2	HOB	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.15	>200	>200	500	✓	0.33					
3	SOCKETS	A	B	5	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.43	>200	>200	500	✓	0.61					
4	FRIDGE	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.16	>200	>200	500	✓	0.34					
5	HEATER	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73				0.18	>200	>200	500	✓	0.36					
6	LIGHTING	A	B	3	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28				0.47	>200	>200	500	✓	0.65					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: STUDIO ROOM 6 TESTED BY Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LEVEL Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
 Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (40.....) A
 Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (1.....) I_{Δn} (30.....) mA Operating time: (16.....) ms
 Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.18.....) Ω Z_f (2.06.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)
 Multi-function: (514570910.....) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)			Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂										
8L1	RM 156	A	B	1	10	4	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.10		>200	>200	500	✓	0.16	17	✓			
8L2	RM 153	A	B	1	10	4	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.03		>200	>200	500	✓	0.09	17	✓			
8L3	RM 154	A	B	1	10	4	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.05		>200	>200	500	✓	0.11	21	✓			
9L1	SPARE																										
9L2	SPARE																										
9L3	SPARE																										
10L1	SPARE																										
10L2	SPARE																										
10L3	SPARE																										
11L1	SPARE																										
11L2	SPARE																										
11L3	SPARE																										
12L1	SPARE																										
12L2	SPARE																										
12L3	SPARE																										
13L1	RM 165	A	B	1	10	4	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.26		>200	>200	500	✓	0.32	20				
13L2	RM 166	A	B	1	10	4	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.30		>200	>200	500	✓	0.36	16				
13L3	RM 167	A	B	1	10	4	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.15		>200	>200	500	✓	0.21	20				
14L1	RM 168	A	B	1	10	4	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.23		>200	>200	500	✓	0.29	23				
14L2	RM 169	A	B	1	10	4	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.20		>200	>200	500	✓	0.26	19				
14L3	RM 170	A	B	1	10	4	0.4	61009 RCD/RCBO	B	40	10	30	1.09			0.23		>200	>200	500	✓	0.29	24				

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB6 LEVEL 5 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: LIFT LOBBY Signature: [Signature] Date: 29/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (3L1,2,3-MP) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (100) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes/No) Phase sequence confirmed (where appropriate): False Z_s (0.05.....) Ω I_{Δf} (4.04.....) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910) Continuity: (.....)

Insulation resistance: (.....) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

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SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂								
15L1	RM 171	A	B	1	10	4	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.13		>200	>200	500	✓	0.19	20		
15L2	RM 172	A	B	1	10	4	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.16		>200	>200	500	✓	0.22	20		
15L3	RM 173	A	B	1	10	4	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.09		>200	>200	500	✓	0.15	22		
16L1	RM 174	A	B	1	10	4	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.08		>200	>200	500	✓	0.14	21		
16L2	RM 175	A	B	1	10	4	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.07		>200	>200	500	✓	0.13	23		
16L3	RM 176	A	B	1	10	4	0.4	61009 RCD/RCBO	B	40	10	30	1.09				0.07		>200	>200	500	✓	0.13	15		

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB6 LEVEL 5 **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: LIFT LOBBY Signature: Date: 29/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: 3L1,2,3-MP Nominal voltage: (400) V No. of phases: (3)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (100) A
Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): False Z_s (0.05.....) Ω Z_{pf} (4.04.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

ELECTRICAL INSTALLATION CERTIFICATE

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Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(R)	(R)								
1/L1	A/C RING MAIN	A	B				2.5	1.5		61009 RCD/RCBO	B	32	10	30	1.08	1.05	1.07	0.53	0.67		>200	>200	500	✓	0.72	19	✓	
1/L2	HOT BED 1	A	B				2.5	1.5		61009 RCD/RCBO	B	20	10	30	1.74				0.20		>200	>200	500	✓	0.27	19	✓	
1/L3	HOT BED 2	A	B				2.5	1.5		61009 RCD/RCBO	B	20	10	30	1.74				0.19		>200	>200	500	✓	0.26	19	✓	
2/L1	LIGHTS SPA ENTRANCE	A	B				1.5	1.0		61009 RCD/RCBO	B	10	10	30	3.49				1.10		>200	>200	500	✓	1.17	19	✓	
2/L2	MAIN SPA LIGHTS	A	B				1.5	1.0		61009 RCD/RCBO	B	10	10	30	3.49				0.58		>200	>200	500	✓	0.75	19	✓	
2/L3	TV ROOM LIGHTS	A	B				1.5	1.0		61009 RCD/RCBO	B	10	10	30	3.49				0.65		>200	>200	500	✓	0.82	18	✓	
3/L1	W.C & SHOWER LIGHTS	A	B				1.5	1.0		61009 RCD/RCBO	B	10	10	30	3.49				0.57		>200	>200	500	✓	0.64	15	✓	
3/L2	LIGHTS THIS ROOM & SPA EM LIGHTS	A	B				1.5	1.0		61009 RCD/RCBO	B	10	10	30	3.49				0.77		>200	>200	500	✓	0.84	15	✓	
3/L3	TV POWER	A	B				2.5	1.5		61009 RCD/RCBO	B	20	10	30	1.74				0.49		>200	>200	500	✓	0.56	19	✓	
4/L1	ICE MACHINE	A	B				2.5	1.5		61009 RCD/RCBO	B	20	10	30	1.74				0.15		>200	>200	500	✓	0.22	19	✓	
4/L2	CLEANER POWER	A	B				2.5	1.5		61009 RCD/RCBO	B	20	10	30	1.74				0.74		>200	>200	500	✓	0.81	19	✓	
4/L3	HAND DRYER	A	B				2.5	1.5		61009 RCD/RCBO	B	20	10	30	1.74				0.15		>200	>200	500	✓	0.22	20	✓	
5/L1	FAN EXTRACT	A	B				2.5	1.5		61009 RCD/RCBO	B	20	10	30	1.74				0.61		>200	>200	500	✓	0.68	33	✓	
5/L2	STAFF EXTRACT	A	B				2.5	1.5		61009 RCD/RCBO	B	20	10	30	1.74				1.96		>200	>200	500	✓	2.03	19	✓	
5/L3	SPA HEAT RECOVERY	A	B				2.5	1.5		61009 RCD/RCBO	B	20	10	30	1.74				0.20		>200	>200	500	✓	0.27	19	✓	
6/L1	GYM HEAT RECOVERY	A	B				2.5	1.5		61009 RCD/RCBO	B	20	10	30	1.74				0.33		>200	>200	500	✓	0.40	19	✓	
6/L2	CINEMA HEAT RECOVERY	A	B				2.5	1.5		61009 RCD/RCBO	B	20	10	30	1.74				0.33		>200	>200	500	✓	0.40	19	✓	
6/L3	SPARE																											
7/L1	COIL FEED	A	B				1.5	1.0		60898 MCB	B	10	10		3.49				0.53		>200	>200	500	✓	0.64			
7/L2	S/O BELOW D/B	A	B				4.0	1.5		61009 RCD/RCBO	B	20	10	30	1.74				0.09		>200	>200	500	✓	0.16	19	✓	
7/L3	OUTSIDE S/O	A	B				2.5	1.5		61009 RCD/RCBO	C	16	10	30	2.18				0.20		>200	>200	500	✓	0.27	19	✓	

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: SPA PLANT DB
 Location of DB: SPA AREA PLANT ROOM

TESTED BY Name (capitals): RICK HARRIS
 Signature:

Position: ELECTRICIAN
 Date: 29/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (MCCB BOARD 9L1,2,3) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (100) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.07) Ω Z_f (6.91) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	FP200		Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)			RCD	AFDD	
		Live (mm²)	cpc (mm²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	Ring final circuits only (measured end to end)				All circuits (complete at least one column)										
		(Line) r ₁	(Neutral) r _n				(cpc) r ₂	(R ₁ +R ₂)		R ₂	(Line) r ₁	(Neutral) r _n	(cpc) r ₂			(R ₁ +R ₂)	R ₂									
1/L1	LAUNDRY 1	A	B	2	4	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.08				0.47		>200	>200	500	✓	0.53	15	✓	
1/L2	LAUNDRY 2	A	B	2	4	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.08				0.48		>200	>200	500	✓	0.54	15	✓	
1/L3	LAUNDRY 3	A	B	2	4	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.08				0.41		>200	>200	500	✓	0.47	15	✓	
2/L1	LAUNDRY 4	A	B	2	4	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.08				0.40		>200	>200	500	✓	0.46	15	✓	
2/L2	LAUNDRY 5	A	B	2	4	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.08				0.40		>200	>200	500	✓	0.46	15	✓	
2/L3	LAUNDRY 6	A	B	2	4	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.08				0.40		>200	>200	500	✓	0.46	22	✓	
3/L1	LAUNDRY & CORRIDOR POWER	A	B	4	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	1.74				1.32		>200	>200	500	✓	1.38	19	✓	
3/L2	LOUNGE POWER	A	B	4	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19				1.47		>200	>200	500	✓				
3/L3	CINEMA POWER	A	B	2	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19				0.70		>200	>200	500	✓				
4/L1	GAMES ROOM POWER	A	B	3	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19				0.69		>200	>200	500	✓				
4/L2	CONSERVATORY POWER	A	B	13	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19				1.63		>200	>200	500	✓				
4/L3	DRINKS DISPENSER	A	B	2	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19				1.23		>200	>200	500	✓				
5/L1	MEETING ROOM POWER NEAR	A	B	11	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19				1.88		>200	>200	500	✓				
5/L2	MEETING ROOM POWER FAR	A	B	11	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19				1.07		>200	>200	500	✓				
5/L3	GYM/YOGA RING MAIN	A	B	16	2.5	1.5	0.4	61009 RCD/RCBO	B	32	10	30	1.37	1.49	1.49	2.46	0.99		>200	>200	500	✓	1.08	20	✓	
6/L1	W/C HAND DRYER	A	B	1	2.5	1.5	0.4	61009 RCD/RCBO	B	16	10	30	2.73				0.35		>200	>200	500	✓	0.41	21	✓	
6/L2	STAFF KITCHEN D/B	A	B	1	10	6	5	61009 RCD/RCBO	B	45	10	30	0.97				0.12		>200	>200	500	✓	0.18	16	✓	
6/L3	CORRIDOR LIGHTS	A	B	20	1.5	1	0.4	61009 RCD/RCBO	B	10	10	30	4.37				1.19		>200	>200	500	✓	1.25	16	✓	
7/L1	LOUNGE LIGHTS	A	B	20	1.5	1	0.4	61009 RCD/RCBO	B	10	10	30	4.37				1.70		>200	>200	500	✓	1.76	19	✓	
7/L2	CINEMA LIGHTS	A	B	12	1.5	1	0.4	61009 RCD/RCBO	B	10	10	30	4.37				2.00		>200	>200	500	✓	2.06	19	✓	
7/L3	GAMES ROOM LIGHTS	A	B	10	1.5	1	0.4	61009 RCD/RCBO	B	10	10	30	4.37				2.43		>200	>200	500	✓	2.49	19	✓	

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB-B BASEMENT COMUNAL **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: BASEMENT SWITCHBOARD Signature: [Signature] Date: 29/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (MCCB BOARD 2L1,2,3) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (100) A

Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms

Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): Z_s (0.06) Ω Z_{df} (6.31) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910) Continuity: ()

Insulation resistance: () Earth fault loop impedance: ()

Earth electrode resistance: () RCD: ()

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons		
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)			Live / Live / Live / Earth / Test voltage DC (MΩ) (MΩ) (V)	Polarity		Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD
		Live (mm ²)	cpc (mm ²)			BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
8/L1	PLANT ROOM PUMP SET	A	B	1	4	2.5	0.4	60947-2 MCB	B	20	10	1.74	0.03	>200	>200	500	✓	0.09								
8/L2	PLANT ROOM PUMP SET	A	B	1	4	2.5	0.4	60947-2 MCB	B	20	10	1.74	0.03	>200	>200	500	✓	0.09								
8/L3	PLANT ROOM PUMP SET	A	B	1	4	2.5	0.4	60947-2 MCB	B	20	10	1.74	0.04	>200	>200	500	✓	0.10								
9/L1	CONSERVATORY LIGHTS	A	B	12	1.5	1	0.4	61009 RCD/RCBO	B	10	10	30	4.37	1.41	>200	>200	500	✓	1.47	19	✓					
9/L2	CONSERVATORY LIGHTS	A	B	19	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	2.19	2.66	>200	>200	500	✓	2.72	19	✓					
9/L3	MEETING ROOM LIGHTS NEAR	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	2.19	1.77	>200	>200	500	✓	1.83	19	✓					
10/L1	MEETING ROOM LIGHTS FAR	A	B	8	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	2.19	2.08	>200	>200	500	✓	2.14	19	✓					
10/L2	YOGA ROOM LIGHTS	A	B	11	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	2.19	2.53	>200	>200	500	✓	2.59	19	✓					
10/L3	GYM ROOM LIGHTS	A	B	31	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	2.19	2.36	>200	>200	500	✓	2.42	18	✓					
11/L1	LAUNDRY ROOM & W.C LIGHTS	A	B	9	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	2.19	1.26	>200	>200	500	✓	1.32	15	✓					
11/L2	STORE/LINEN ROOM LIGHTS	A	B	13	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	2.19	1.94	>200	>200	500	✓	2.00	16	✓					
11/L3	BIN AREA LIGHTS	A	B	20	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	2.19	1.97	>200	>200	500	✓	2.03	16	✓					
12/L1	PLANT ROOM LIGHTS	A	B	7	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	2.19	1.04	>200	>200	500	✓	1.10	16	✓					
12/L2	RAMP LIGHTS	A	B	4	1.5	1	0.4	61009 RCD/RCBO	C	10	10	30	2.19	0.60	>200	>200	500	✓	0.65	16	✓					
12/L3	EM TEST	A	B	1	1.5	1	0.4	60898 MCB	B	6	10	7.28	0.05	>200	>200	500	✓	0.11								
13/L1	NORTH CORRIDOR MAGLOCKS	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	10	2.73	0.55	>200	>200	500	✓	0.61								
13/L2	FIRE ALARM PANEL	O	B	2	1.5	1	0.4	60898 MCB	B	10	10	4.37	0.20	>200	>200	500	✓	0.26								
13/L3	BMS PANEL	A	B	1	16	10	5	60898 MCB	B	32	10	1.37	0.03	>200	>200	500	✓	0.09								
14/L1	SUB STATION D/B	F	D	1	6	6	5	60898 MCB	C	32	10	0.68	0.30	>200	>200	500		0.36								
14/L2	S/O BELOW D/B & PLANT ROOM POWER	A	B	2	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19	0.12	>200	>200	500	✓	0.18	19	✓					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)
 DB designation: DB-B BASEMENT COMUNAL **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 Location of DB: BASEMENT SWITCHBOARD Signature: [Signature] Date: 29/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (MCCB BOARD 2L1,2,3) Nominal voltage: (400) V No. of phases: (3)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (100) A
Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): True Z_s (0.06) Ω I_{Δf} (6.31) kA

TEST INSTRUMENTS (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: (.....)
 Insulation resistance: (.....) Earth fault loop impedance: (.....)
 Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

CODES For Type of wiring		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit	(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking	(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables	(O) other - state	FP200																
Circuit number	Circuit description	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa			Protective device			RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons					
					Live (mm ²)	cpc (mm ²)	Max. disconnection time (BS 7671) (s)	BS (EN)	Type	Rating (A)			Short-circuit capacity (kA)	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live (MΩ)	Live / Earth (MΩ)		Test voltage DC (V)	Polarity	Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD	
														(Line) r ₁	(Neutral) r _n	(cpc) r ₂	(R ₁ +R ₂)	R ₂									
14/L3	CONSERVATORY PIR'S	A	B	1	1.5	1	0.4	60898 MCB	B	16	10	2.73															
15/L1	VELUX WINDOWS	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	10	2.73				0.50		>200	>200	500	✓	0.56					
15/L2	THEATRE LIGHTS	A	B	1	2.5	1.5	0.4	61009 RCD/RCBO	B	10	10	30	4.37			0.95		>200	>200	500	✓	1.01					
15/L3																											
16/L1																											
16/L2																											
16/L3																											

DISTRIBUTION BOARD (DB) DETAILS DB designation: DB-B BASEMENT COMUNAL **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN
 (to be completed in every case) Location of DB: BASEMENT SWITCHBOARD Signature: [Signature] Date: 29/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION
 Supply to DB is from: (MCCB BOARD 2L1,2,3) Nominal voltage: (400) V No. of phases: (3)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (100) A
Associated RCD (if any) Type: (BS EN) No. of poles: () I_{Δn} () mA Operating time: () ms
Characteristics at this DB Confirmation of supply polarity: (Yes) Phase sequence confirmed (where appropriate): True Z_s (0.06) Ω Z_f (6.31) kA

TEST INSTRUMENTS
 (enter serial number against each instrument used)
 Multi-function: (514570910) Continuity: ()
 Insulation resistance: () Earth fault loop impedance: ()
 Earth electrode resistance: () RCD: ()

Original to the person ordering the work

CONTINUATION SHEET: ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes) Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671) (s)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)					Insulation resistance			RCD operating time (ms)	Test buttons	
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit			(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Polarity	Max. measured earth fault loop impedance, Z _s (Ω)		RCD	AFDD
		Live (mm ²)	cpc (mm ²)			BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)					
8/L1		A	B	1	10	4	61009 RCD/RCBO	B	40	10	30							>200	>200	500	✓				
8/L2		A	B	1	10	4	61009 RCD/RCBO	B	40	10	30							>200	>200	500	✓				
8/L3		A	B	1	10	4	61009 RCD/RCBO	B	40	10	30							>200	>200	500	✓				
9/L1		A	B	1	10	4	61009 RCD/RCBO	B	40	10	30							>200	>200	500	✓				
9/L2		A	B	1	10	4	61009 RCD/RCBO	B	40	10	30							>200	>200	500	✓				
9/L3		A	B	1	10	4	61009 RCD/RCBO	B	40	10	30							>200	>200	500	✓				
10/L1		A	B	1	10	4	61009 RCD/RCBO	B	40	10	30							>200	>200	500	✓				
10/L2	STUDIO 1	A	B	1	10	4	61009 RCD/RCBO	B	40	10								>200	>200	500	✓	0.12	16	✓	
10/L3	COMMS POWER	A	B	1	2.5	1.5	60898 MCB	C	16	10								>200	>200	500	✓	0.47			
11/L1	COMMS POWER	A	B	1	2.5	1.5	60898 MCB	B	16	10								>200	>200	500	✓	0.47			
11/L2	COMMS POWER	A	B	1	2.5	1.5	60898 MCB	C	16	10								>200	>200	500	✓	0.47			
11/L3	COMMS POWER	A	B	1	2.5	1.5	60898 MCB	C	16	10								>200	>200	500	✓	0.48			
12/L1	INTRUDER PANEL IN COMMS	A	B	1	2.5	1.5	60898 MCB	B	6	10								>200	>200	500	✓	0.44			
12/L2	COMMS LIGHTING	A	B	2	1.5	1.0	60898 MCB	B	6	10								>200	>200	500	✓	0.69			
12/L3	COMMS HEATER CONTROL PANEL	A	B	1	2.5	1.5	61009 RCD/RCBO	B	16	10	30							>200	>200	500	✓	0.37			
13/L1	EASTSIDE CLEANERS RING MAIN	A	B	9	2.5	1.5	61009 RCD/RCBO	B	32	10	30		1.41	1.42	2.34	0.97		>200	>200	500	✓	1.05	19	✓	
13/L2	MAIN EAST CORRIDOR LIGHTING	A	B	57	1.5	1.0	61009 RCD/RCBO	B	10	10	30							>200	>200	500	✓	1.80	17	✓	
13/L3	INNER EAST CORRIDOR LIGHTS	A	B	26	1.5	1.0	61009 RCD/RCBO	B	10	10	30							>200	>200	500	✓	1.56	16	✓	
14/L1	MAGLOCKS EAST CORRIDOR	A	B	1	2.5	1.0	60898 MCB	B	16	6								>200	>200	500	✓	0.66			
14/L2	STAIRS & LANDING LIGHTS	A	B		1.5	1.0	61009 RCD/RCBO	C	10	10	30							>200	>200	500	✓		19	✓	
14/L3	DOOR ACCESS MAINS ROOM	A	B	7	2.5	1.5	60898 MCB	B	16	10								>200	>200	500	✓	0.18			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB-B **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: BASEMENT SWITCHROOM Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (MCCB 1L1,2,3) Nominal voltage: (400) V No. of phases: (3)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60947-2 MCCB) Rating: (100) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes/No) Phase sequence confirmed (where appropriate): False Z_s (0.05.....) Ω Z_f (.....) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910) Continuity: (.....)

Insulation resistance: (.....) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....) RCD: (.....)

Original to the person ordering the work

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

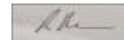
Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD operating time (ms)	Test buttons			
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit				(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live			Live / Earth	Test voltage DC	RCD	AFDD
		Live (mm ²)	cpc (mm ²)				BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)						
1	TV POWER	A	B	1	1.5	1	0.4	60898 MCB	B	16	10	2.73				0.25		>200	>200	500	✓	0.33					
2	CLEANERS SOCKET	A	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	2.19				0.54		>200	>200	500	✓	0.62					
3	REFUGE PANEL	O	B	2	2.5	1.5	0.4	60898 MCB	B	20	10	2.19				0.10		>200	>200	500	✓	0.18					
4	FIRE ALARM REPEATER PANEL	O	B	1	2.5	1.5	0.4	60898 MCB	B	16	10	2.73				0.12		>200	>200	500	✓	0.20					
5	WORLD MAP	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	10	2.73				0.08		>200	>200	500	✓	0.16					
6	AC UNITS	A	B	2	2.5	1.5	0.4	60898 MCB	B	16	10	2.73				0.40		>200	>200	500	✓	0.48					
7	TOUCH SCREEN	A	B	1	2.5	1.5	0.4	60898 MCB	B	16	10	2.73				0.32		>200	>200	500	✓	0.40					
8	FIRE SHUTTER	A	B	1	2.5	1.5	0.4	60898 MCB	B	10	10	4.37				0.09		>200	>200	500	✓	0.17					
9	DESK POWER	A	B	10	2.5	1.5	0.4	60898 MCB	B	20	10	2.19				0.22		>200	>200	500	✓	0.30					
10	LIGHTS	A	B	31	2.5	1.5	0.4	60898 MCB	B	10	10	4.37				0.65		>200	>200	500	✓	0.73					

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: Reception DB
Location of DB: Reception Post room

TESTED BY

Name (capitals): RICK HARRIS
Signature: 
Position: ELECTRICIAN
Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (.....) Nominal voltage: (230.....) V No. of phases: (1.....)
Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 61009 RCD/RCBO B.....) Rating: (45.....) A
Associated RCD (if any) Type: (BS EN BS EN 61009 RCD/RCBO B.....) No. of poles: (.....) I_{Δn} (30.....) mA Operating time: (19.....) ms
Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.08.....) Ω Z_f (3.10.....) kA

TEST INSTRUMENTS

(enter serial number against each instrument used)

Multi-function: (514570910.....) Continuity: (.....)
Insulation resistance: (.....) Earth fault loop impedance: (.....)
Earth electrode resistance: (.....) RCD: (.....)



This certificate is not valid if the serial number has been defaced or altered

204668

ICR18

ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work

PART 11 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing:

Circuit number	Circuit description	CODES For Type of wiring		Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, I _{Δn} (mA)	Maximum permitted Z _s for installed protective device* (Ω)	Circuit impedances (Ω)			Insulation resistance			RCD operating time (ms)	Test buttons							
		(A) Thermoplastic insulated / sheathed cables	(B) Thermoplastic cables in metallic conduit		(C) Thermoplastic cables in non-metallic conduit	(D) Thermoplastic cables in metallic trunking		(E) Thermoplastic cables in non-metallic trunking	(F) Thermoplastic / SWA cables	(G) Thermosetting / SWA cables	(H) Mineral-insulated cables			(O) other - state	Ring final circuits only (measured end to end)		All circuits (complete at least one column)		Live / Live		Live / Earth	Test voltage DC	Polarity Max. measured earth fault loop impedance, Z _s (Ω)	RCD	AFDD			
		Live (mm ²)	cpc (mm ²)		BS (EN)	Type		Rating (A)	Short-circuit capacity (kA)	(Line) r ₁	(Neutral) r _n			(cpc) r ₂	(R ₁ +R ₂)	R ₂	(MΩ)	(MΩ)	(V)									
1	SOCKETS	C	B	3	2.5	1.5	0.4	61009 RCD/RCBO	B	20	10	30	2.19				0.35		>200	>200	500	✓	0.66	18	✓			
2	LIGHTS	C	B	2	1.5	1	0.4	61009 RCD/RCBO	B	6	10	30	7.28				0.51		>200	>200	500	✓	0.82	21	✓			

DISTRIBUTION BOARD (DB) DETAILS (to be completed in every case)

DB designation: DB-SS SUB STATION DB **TESTED BY** Name (capitals): RICK HARRIS Position: ELECTRICIAN

Location of DB: SUB STATION Signature: [Signature] Date: 28/08/2020

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: (DB COMMUNAL 14L1) Nominal voltage: (230) V No. of phases: (1)

Overcurrent protection device for the distribution circuit Type: (BS EN BS EN 60898 MCB Type C) Rating: (32) A

Associated RCD (if any) Type: (BS EN) No. of poles: (.....) I_{Δn} (.....) mA Operating time: (.....) ms

Characteristics at this DB Confirmation of supply polarity: (Yes.....) Phase sequence confirmed (where appropriate): Z_s (0.31.....) Ω Z_f (0.98.....) kA

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function: (514570910) Continuity: (.....)

Insulation resistance: (.....) Earth fault loop impedance: (.....)

Earth electrode resistance: (.....) RCD: (.....)



This certificate is not valid if the serial number has been defaced or altered

204668

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ELECTRICAL INSTALLATION CERTIFICATE

ADDITIONAL NOTES

Large empty rectangular area for additional notes.

(see additional page No. N/A)

Original to the person ordering the work

NOTES FOR RECIPIENT

THIS CERTIFICATE IS AN IMPORTANT AND VALUABLE DOCUMENT WHICH SHOULD BE RETAINED FOR FUTURE USE

If you were the person ordering the work, but not the user of the installation, you should pass this certificate, or a full copy of it including these notes, the schedules and additional pages (if any), immediately to the user.

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected, tested and verified in accordance with the national standard for the safety of electrical installations, BS 7671: 2018 (as amended) - Requirements for Electrical Installations (the IET Wiring Regulations).

Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested every six months. For safety reasons it is important that this instruction is followed.

Also for safety reasons, the complete electrical installation will need to be inspected and tested at appropriate intervals by a skilled person or persons competent in such work. NICEIC* recommends that you engage the services of an NICEIC Approved Contractor for this purpose. The maximum interval recommended before the next inspection is stated in PART 3. There should be a notice at or near the main switchboard or distribution board indicating the date when the next inspection is due.

Only an NICEIC Approved Contractor or Conforming Body responsible for the construction of the electrical installation is authorised to issue this NICEIC Electrical Installation Certificate.

The certificate, which consists of at least six numbered pages, is only valid if accompanied by the Schedule of Items Inspected and the Schedule of Circuit Details and Test Results. The certificate has a printed serial number which is traceable to the Approved Contractor to which it was supplied by NICEIC.

For installations having more than one distribution board (or consumer unit) or more circuits than can be recorded on Page 6, one or more additional Schedules of Circuit Details and Test Results, should form part of the certificate.

This certificate is intended to be issued only for a new electrical installation or for new work associated with an addition or alteration to an existing installation, or for the replacement of a distribution board (or consumer unit). It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such a periodic inspection.

This certificate should not have been issued for electrical work in a potentially explosive atmosphere (hazardous area) unless the Approved Contractor holds an appropriate extension to their NICEIC registration for such work.

You should have received the certificate marked 'Original' and the Approved Contractor should have retained the certificate marked 'Duplicate'.

The 'Original' certificate should be retained in a safe place and shown to any skilled person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this certificate will demonstrate to the new user that the electrical installation complied with the requirements of BS 7671 at the time the certificate was issued.

The Construction (Design and Management) Regulations require that, for a project covered by those Regulations, a copy of this certificate, together with schedules, is included in the project health and safety documentation.

Page 1 and 2 of this certificate provide details of the electrical installation, together with the name(s) and signature(s) of the person(s) certifying the three elements of installation work: design, construction and inspection and testing, and page 3 identifies the organisation(s) responsible for the work certified by their representative(s).

Certification for inspection and testing provides an assurance that the electrical installation work has been fully inspected and tested, and that the electrical work has been carried out in accordance with the requirements of BS 7671: 2018 (as amended) (except for any departures sanctioned by the designer and appended to the certificate).

Where responsibility for the design, the construction and the inspection and testing of the electrical work is divided between the Approved Contractor and one or more other bodies, the division of responsibility should have been established and agreed before commencement of the work. In such a case, NICEIC considers that the absence of certification for the construction, or the inspection and testing elements of the work would render the certificate invalid. If the design section of the certificate has not been completed, NICEIC recommends that you question why those responsible for the design have not certified that this important element of the work is in accordance with BS 7671.

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems) in accordance with British Standards BS 5839 and BS 5266 respectively, this electrical safety certificate should be accompanied by a separate certificate or certificates as prescribed by those standards.

Where a number of sources are available to supply the installation, and where the data given for the primary source may differ from other sources, an additional page should have been provided which gives the relevant information relating to each additional source, and to the associated earthing arrangements and main switchgear.

Should the person ordering the work (e.g. the client, as identified on Page 1 of this certificate), have reason to believe that any element of the work for which the Approved Contractor has accepted responsibility (as indicated by the signatures on this certificate) does not comply with BS 7671: 2018 (as amended), the client should in the first instance raise the specific concerns in writing with the Approved Contractor. If the concerns remain unresolved, the client may make a formal complaint to NICEIC, for which purpose a standard complaint form is available on request.

The complaints procedure offered by NICEIC is subject to certain terms and conditions, full details of which are available upon application. NICEIC does not investigate complaints relating to the operational performance of electrical installations (such as lighting levels), or to contractual or commercial issues (such as time or cost).

** NICEIC is operated by Certsure LLP, a partnership between the Electrical Contractors' Association and the charity, Electrical Safety First. NICEIC maintains and publishes registers of electrical contractors that it has assessed against particular scheme requirements (including the technical standard of electrical work).*

For further information about electrical safety and how NICEIC can help you, visit www.niceic.com