ELECTRICAL INSTALLATION CONDITION REPORT

ssued in accordance with British Standard BS 7671 - Requirements for Electrical Installations



N/A

Certificate Reference:	1016

DETA	Γ	OF '	тыг	CII	IENT
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Client: Metro Student Accomodation

Address: Scarletts, Scarlett Lane, Kiln Green, Reading, RG10 9XD

PURPOSE OF THE REPORT

Purpose for which this report is required:

Five year safety assessment requested by client for continued use and safety to residents

DETAILS OF THE INSTALLATION

Installation Address: Guild Tavern, 20-22 Tithebarn Street, Preston, 1DJ

Description of premises: Domestic N/A Commercial ✓ Industrial N/A Other: N/A

Evidence of alteration

Estimated age of electrical installation: 5 years or additions: yes if yes, estimated age: 1 years

Date of previous inspection: 14/09/2011

Records of installation available: N/A Electrical Installation Certificate No or previous Periodic

Inspection Report No:

PEXTENT OF THE INSTALLATION AND LIMITATIONS OF THE INSPECTION AND TESTING

Extent of the electrical installation covered by this report:

100% of installation visually inspected with sample of accessories removed. R1,R2 results have been summated. All circuits have been tested at furthest points to achieve Zs values

Agreed and operational limitations of the inspection and testing (include reasons and person agreed with):

No lifting of floor boards or inspection of loft space and unknown if cables are in prescribed zones

The inspection has been carried out in accordance with BS 7671:2008, as amended to 2015. Cables concealed within trunking and conduits, under floors, in roof spaces and generally within the fabric of the building or underground, have not been inspected unless specifically agreed between the client and inspector prior to the inspection.

5 DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described on page 1 (see section 2), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see section 7) and the attached schedules (see section 17), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations on the inspection and testing (see section 4).

For the INSPECTION, TESTING AND ASSESSMENT of the report:

Name: JONATHAN PERRUZZA Position: Electrician Signature: Date: 23/08/2016

SUMMARY OF THE CONDITION OF THE INSTALLATION

See page 3 for a summary of the general condition of the installation in terms of electrical safety.

Overall assessment of the installation in terms of it's suitability for continued use*:

SATISFACTORY

* An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2) conditions have been identified.

Referri	SERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN ng to the attached Schedule(s) of Inspections and Test Results, and subject to the limitations sp f this report under 'Extent of the Installation and Limitations of Inspection and Testing':	ecified on
_	nere are no items adversely affecting electrical safety	
✓ TI	or ne following observations and recommendations are made	
Item No	Observations	Classification Code
1	Inspection Schedule Item 5.6: Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5) is recommended for improvement.(this is only due to a regulation change and is is not requirement)	C3
ne of th	e following codes, as appropriate, has been allocated to each of the observations made above to indicate to le for the installation the degree of urgency for remedial action:	the person(s)
C1 Dan Risk	ger Present C2 Potentially dangerous C3 Improvement F1 Further invo	estigation thout delay

Immediate remedial action required for items:

Urgent remedial action required for items:

N/A

Improvement recommended for items:

1

Further investigation required for items:

N/A

RECOMMENDATIONS

Where the overall assessment of the suitability of the installation for continued use on page 1 is stated as 'UNSATISFACTORY', I/We recommend that any observations classified as 'Code 1 - Danger Present' or 'Code 2 - Potentially dangerous' are acted upon as a matter of urgency.

Investigation without delay is recommended for observations identified as 'FI - Further Investigation Required'. Observations classified as 'Code 3 - Improvement recommended' should be given due consideration.

General condition of the installation in terms of electrical safety:

All PVC wiring throughout in good condition

O NEXT INSPECTION

I/We recommend that this installation is further inspected and tested after an interval of not more than:

5 Years

(Enter interval in terms of years, months or weeks, as appropriate)

provided that any items in section 7 which have been attributed a Classification code C1 (danger present) are remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or require further investigation are remedied or investigated respectively as a matter of urgency. Items which have been attributed a Classification code C3 should be improved as soon as practicable (see section 7).

10 DETAILS OF THE ELECTRICAL CONTRACTOR

Trading Title: JMP Electrical Services Ltd

Address: 12 Borwick Drive

Means of Earthing

Scale Hall

Lancaster

Registration Number:

ECA, Elecsa EPP35857

Telephone Number: 0

01524 381556

Postcode: LA12QA

11 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Arrange			ber and	d Type of L	ive Cor	nductors		Nature of S	Supply F	Param	eters	Supply	Protect	ive Dev	vice
		i	ac:	1 phase		dc:	N/A	Nominal U:	400 W	/ Uo:	230 V	BS(EN):	1361	Fuse F	НВС
		(2 wire):	N/A	1-phase (3 wire):	/	2 pole:	N/A	voitage(s):						0	
TN-C-S	•	2-phase (3 wire):	N/A			3 pole:	N/A	Nominal free	,	f:	50 Hz	Type:		2	
TNC	N/A	3-phase (3 wire):	N/A	3-phase (4 wire):	N/A	Other:	N/A	Prospective current, lpf:			0.16ka	Rated cur	rent:	100	Α
TT	N/A	Other:			N/A			External ear loop impeda		: e:	0.15 Ω	Short-cird capacity:	cuit	33	kA
IT	N/A	Confirmat	ion of	supply pol	arity:		•	Number of s	supplies	:	1	 			

Details of Installation Earth Electrode (where applicable)

PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE

Distributor's facility:	/	Type:	N/A	Location:		N/A
Installation earth electrode:	N/A	Resistance to Earth:	Ν/Α Ω	Method of measurement:		N/A

Maximum Demand (Load):	80 kVA	Protective measure(s) against electric shock:		ADS
			– . –	

	CII/ SWILC	II-ruse / CII	Cuit-breaker / RCD			Supply		IT RCD Main Switch.		
Type BS(EN):	60947-3	3 Isolator	Current rating:	100	Α	conductors material:	Copper	Rated residual operating current (In):	N/A	mA
Number of poles:	3		Fuse/device rating or setting:	100	Α	Supply		Rated time delay:	N/A	ms
			Voltage rating:	400	V	conductors	25 mm ²	Measured operating	N/A	ms

							conductors	25	mm^2				
		1/-			400	١,,		23	1111111		ured operating	NI/Λ	ms
		VO	Itage rating	j :	400	V	csa:			time ((ln):	IV/A	1115
Earthing and	Protective Bond	ing Con	ductors				Bonding	of ext	raneou	s-conduct	tive parts		
Earthing cond	ductor			Conn	ection/		To water	insta	Illation	/	To gas installatio	n	/
Conductor			0	contir	nuitv		pipes:				pipes:		•
matarial	Copper	csa:	16 mm ²	verifi	-d·	1					To liahtnina		

csa: 16 mm² verified: To lightning material: To oil installation N/A protection: Main protective bonding conductors pipes: Connection/ To other service(s): Conductor continuity To structural csa: 10 mm² verified: Copper N/A N/A material: steel:

N/A

13/IN	ISPECTION SCHEDULE		
Item	Description	Comment	Outcome
1.0	CONDITION/ADEQUACY OF DISTRIBUTOR'S/SUPPLY INTAKE EQU	IPMENT	
1.1	Service cable	N/A	✓
1.2	Service head	N/A	✓
1.3	Distributor's earthing arrangements	N/A	V
1.4	Meter tails – Distributor/Consumer	N/A	'
1.5	Metering equipment	N/A	'
1.6	Means of main isolation (where present)	N/A	'
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWI	TCHED ALTERNATIVE SOURCES	
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	N/A	N/A
2.1	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A	N/A
3.0	AUTOMATIC DISCONNECTION OF SUPPLY		
3.1	Main earthing/bonding arrangements (411.3; Chap 54)		
3.1.1	Presence of distributor's earthing arrangement (542.1.2.1; 542.1.2.2)	N/A	'
3.1.2	Presence of installation earth electrode arrangement (542.1.2.3)	N/A	/
3.1.3	Adequacy of earthing conductor size (542.3; 543.1.1)	N/A	N/A
3.1.4	Adequacy of earthing conductor connections (542.3.2)	N/A	~
3.1.5	Accessibility of earthing conductor connections (543.3.2)	N/A	~
3.1.6	Adequacy of main protective bonding conductor sizes (544.1)	N/A	'
3.1.7	Adequancy and location of main protective bonding conductor connections (543.3.2; 544.1.2)	N/A	~
3.1.8	Accessibility of all protective bonding connections (543.3.2)	N/A	'
3.1.9	Provision of earthing/bonding labels at all appropriate locations (514.13)	N/A	~
3.2	FELV - requirements satisfied (411.7; 411.7.1)	N/A	N/A
4.0	OTHER METHODS OF PROTECTION (where the methods of protecti should be provided on separate sheets)	on listed below are employed, det	ails
4.1	Non-conducting location (418.1)	N/A	N/A
4.2	Earth-free local equipotential bonding (418.2)	N/A	N/A
4.3	Electrical separation (Section 413; 418.3)	N/A	N/A
4.4	Double insulation (Section 412)	N/A	'
4.5	Reinforced insulation (Section 412)	N/A	'
5.0	DISTRIBUTION EQUIPMENT		
5.1	Adequacy of working space/accessibility to equipment (132.12; 513.1)	N/A	✓
5.2	Security of fixing (134.1.1)	N/A	'
5.3	Condition of insulation of live parts (416.1)	N/A	•
5.4	Adequacy/security of barriers (416.2)	N/A	✓
5.5	Condition of enclosure(s) in terms of IP rating etc (416.2)	N/A	'
5.6	Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)	AMD 3	C3
5.7	Enclosure not damaged/deteriorated so as to impair safety (621.2(iii))	N/A	'
5.8	Presence and effectiveness of obstacles (417.2)	N/A	'
5.9	Presence of main switch(es), linked where required (537.1.2; 537.1.4)	N/A	'
OUTCOM Acceptal conditio	ble Troy Unacceptable 1 01 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Not Verified N/V Limitation LIM app	Not N/A

14/11	ISPECTION SCHEDULE		
Item	Description	Comment	Outcome
5.10	Operation of main switch(es) (functional check) (612.13.2)	N/A	'
5.11	Manual operation of circuit-breakers and RCDs to prove disconnection (612.132)	N/A	'
5.12	Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (612.13.1)	N/A	'
5.13	RCD(s) provided for fault protection – includes RCBOs (411.4.9; 411.5.2; 531.2)	N/A	•
5.14	RCD(s) provided for additional protection, where required - includes RCBOs (411.3.3; 415.1)	N/A	•
5.15	Presence of RCD quarterly test notice at or near equipment, where required (514.12.2)	N/A	'
5.16	Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1)	N/A	•
5.17	Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)	N/A	•
5.18	Presence of alternative supply warning notice at or near equipment, where required (514.15)	N/A	N/A
5.19	Presence of next inspection recommendation label (514.12.1)	N/A	✓
5.20	Presence of other required labelling (please specify) (Section 514)	N/A	N/A
5.21	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4, .5, .6; Sections 432, 433)	N/A	•
5.22	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.2)	N/A	•
5.23	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.11)	N/A	•
5.24	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)	N/A	•
6.0	DISTRIBUTION CIRCUITS / FINAL CIRCUITS		
6.1	Identification of conductors (514.3.1)	N/A	'
6.2	Cables correctly supported throughout their run (522.8.5)	N/A	✓
6.3	Condition of insulation of live parts (416.1)	N/A	'
6.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A	N/A
6.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	N/A	~
6.6	Cables correctly terminated in enclosures (Section 526)	N/A	/
6.7	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	N/A	•
6.8	Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)	N/A	~
6.9	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A	~
6.10	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A	~
6.11	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	N/A	~
6.12	Coordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	~
6.13	Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522)	N/A	'
6.14	Where exposed to direct sunlight, cable of a suitable type (522.11.1)	N/A	'
OUTCON Accepta condition	ble Track Unacceptable Improvement Further	Not N/V Limitation LIM appl	lot icable N/A

15 IN	SPECTION SCHEDULE		
Item	Description	Comment	Outcome
6.15	Cables concealed under floors, above ceilings, in walls/partitions less than containing metal parts:	50 mm from a surface, and in partition	ons
6.15.1	Installed in prescribed zones (see Section D. Extent and limitations) (522.6.202) or	N/A	✓
6.15.2	Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section D. Extent and limitations) (522.6.204;)	N/A	~
6.16	Provision of additional protection by 30 mA RCD		
6.16.1	For circuits used to supply mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)	N/A	✓
6.16.2	For all socket-outlets of rating 20 A or less unless exempt (411.3.3)	N/A	✓
6.16.3	For cables concealed in walls at a depth of less than 50 mm (522.6.202, .203)	N/A	✓
6.16.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)	N/A	✓
6.17	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	~
6.18	Band II cables segregated/separated from Band I cables (528.1)	N/A	✓
6.19	Cables segregated/separated from non-electrical services (528.3)	N/A	'
6.20	Termination of cables at enclosures – identify/record numbers and location	ns of items inspected (Section 526)	
6.20.1	Connections under no undue strain (526.6)	N/A	/
6.20.2	No basic insulation of a conductor visible outside enclosure (526.8)	N/A	~
6.20.3	Connections of live conductors adequately enclosed (526.5)	N/A	~
6.20.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	N/A	~
6.21	Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii))	N/A	✓
6.22	Suitability of circuit accessories for external influences (512.2)	N/A	✓
6.23	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.2)	N/A	~
6.24	Adequacy of connections, including cpc's, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526)	N/A	•
6.25	Presence, operation and correct location of appropriate devices for isolation and switching (537.2)	N/A	✓
6.26	General condition of wiring systems (621.2(ii))	N/A	✓
6.27	Temperature rating of cable insulation (522.1.1; Table 52.1)	N/A	~
7.0	ISOLATION AND SWITCHING		
7.1	Isolators (537.2)		
7.1.1	Presence and condition of appropriate devices (537.2.2)	N/A	✓
7.1.2	Acceptable location – state if local or remote from equipment in question (537.2.1.5)	N/A	✓
7.1.3	Capable of being secured in the OFF position (537.2.1.2)	N/A	✓
7.1.4	Correct operation verified (612.13.2)	N/A	~
7.1.5	Clearly identified by position and/or durable marking (537.2.2.6)	N/A	✓
7.1.6	Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.2.1.3)	N/A	~
7.2	Switching off for mechanical maintenance (537.3)		
7.2.1	Presence and condition of appropriate devices (537.3.1.1)	N/A	/
7.2.2	Acceptable location – state if local or remote from equipment in question (537.3.2.4)	N/A	'
OUTCOM Acceptal condition	ole Troy Unacceptable 101 00 Improvement 100 Further 151	Not N/V Limitation LIM appl	lot N/A

16/IN	SPECTION SCHEDULE		
Item	Description	Comment	Outcome
7.2.3	Capable of being secured in the OFF position (537.3.2.3)	N/A	~
7.2.4	Correct operation verified (612.13.2)	N/A	V
7.2.5	Clearly identified by position and/or durable marking (537.3.2.4)	N/A	V
7.3	Emergency switching/stopping (537.4)		
7.3.1	Presence and condition of appropriate devices (537.4.1.1)	N/A	N/A
7.3.2	Readily accessible for operation where danger might occur (537.4.2.5)	N/A	N/A
7.3.3	Correct operation verified (537.4.2.6)	N/A	N/A
7.3.4	Clearly identified by position and/or durable marking (537.4.2.7)	N/A	N/A
7.4	Functional switching (537.5)		
7.4.1	Presence and condition of appropriate devices (537.5.1.1)	N/A	✓
7.4.2	Correct operation verified (537.5.1.3; 537.5.2.2)	N/A	/
8.0	CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)		
8.1	Condition of equipment in terms of IP rating etc (416.2)	N/A	✓
8.2	Equipment does not constitute a fire hazard (Section 421)	N/A	✓
8.3	Enclosure not damaged/deteriorated so as to impair safety (621.2(iii))	N/A	•
8.4	Suitability for the environment and external influences (512.2)	N/A	✓
8.5	Security of fixing (134.1.1)	N/A	V
8.6	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire (indicate extent of sampling in Section 4 of report)	N/A	~
8.7	Recessed luminaires (e.g. downlighters)		
8.7.1	Correct type of lamps fitted	N/A	N/A
8.7.2	Installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar (421.1.2)	N/A	N/A
8.7.3	No signs of overheating to surrounding building fabric (559.4.1)	N/A	N/A
8.7.4	No signs of overheating to conductors/terminations (526.1)	N/A	N/A
9.0	LOCATION(S) CONTAINING A BATH OR SHOWER		
9.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA (701.411.3.3)	N/A	✓
9.2	Where used as a protective measure, requirements for SELV or PELV met $\left(701.414.4.5\right)$	N/A	N/A
9.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	N/A	N/A
9.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2008 (701.415.2)	N/A	✓
9.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3 m from zone 1 (701.512.3)	N/A	N/A
9.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	N/A	•
9.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	N/A	•
9.8	Suitability of current-using equipment for particular position within the location (701.55)	N/A	'
10.0	OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS List all other special installation or locations present, if any. (Record separ	rately the results of particular inspection	ons)
10.1	N/A	N/A	N/A
10.2	N/A	N/A	N/A
OUTCOM Acceptal condition	ole Tier Unacceptable Improvement Further	Not N/V Limitation LIM applie	ot cable N/A

17/5	CHEDULE OF CIRC	CUIT DETAILS	AN	DΤ	EST	RES	SULT	S											_							
Distr	ibution board designatio	n: D.B. 1 2nd	d flo	or ro	oom	s 1,2	2,3	Lo	cation:				Cel	lar						pe of ' Other				N/A		
				_		condu	cuit ictors: sa	time S7671	Overcurr d	ent pr evices		/e	RCD	BS7671		Circuit im	npedance	es (Ohms	s)		lation tance		measured t loop e Zs		RCD	
nmber	Circuit desig	nation	viring	Reference Method	of rved			Max disconnect time permitted by BS7671		9		₹	ing	25	Ring fi (measu	nal circui ıred end	ts only to end)	(one co	ircuits olumn to npleted)	Live	Earth	>	um meas ault loop ance Zs	Disconnection time at In	Disconnection time at 5ln	utton
Circuit number			Type of wiring	Referenc	Number of points served	Live mm ²	cpc mm ²	Max di permit	BS(EN)	Type No	> Rating	S Capacity		Maximum 3 permitted b	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	- NΩ	Live NΩ	✓ Polarity	Maximum m B earth fault I impedance	M Discon	M Discon	Test button operation
1	Shower Bed 1		А	С	1	10	4	5	61009	В	40	6	30	1.09	(Ellie)	(iveati ai)	(срс)	0.28	N/A	10122	> 200	V	0.43		18	~
2	Shower Bed 2		А	С	1	10	4	5	61009	В	40	6	30	1.09				0.32	N/A		> 200	~	0.47	18	18	~
3	Shower Bed 3		А	С	1	10	4	5	61009	В	40	6	30	1.09				0.34	N/A		> 200	~	0.49	18	18	~
4	Sockets rooms 1,2 & 3		А	С		2.5	1.5	0.4	61009	В	32	6	30	1.37	1.02	1.02	1.70	0.29	N/A		> 200	~	0.44	28	18	~
5	Lights beds 1,2,3,4,5,6 & k	it	А	С	20	1	1	0.4	61009	В	6	6	30	7.28				3.12	N/A		> 200	~	3.17	26	21	~
6 Spare																										
8 Spare																										
9	Spare																									
10	Spare																							<u> </u>		
. ,	OARD CHARACTE																									
	LIES WHEN THE BOAR to this distribution boar		CTE	ото	THE Orio		SIN C)F TH			TI ON ases		N/A	A				Conf	firmatio	n of su	ipply po	larit	y:		N	I/A
Overcu	urrent protective device distribution circuit:	BS(EN):			N/	A			Rati	ng:			N/A		Nomina Voltage		Αv	Zs:			/a Ω	lpf	_		N/	'A kA
RCD	distribution circuit.	BS(EN):			N/	A			No c	of po	les:		N/A		Rating:		A mA		onnecti	on N	/A ms	Di	sconn ne at		n N/	'A ms
	DETAILS OF TEST I																									
	ills of Test Instruments u unctional:	sed (state serial an N/A		asse	t nur			tion	resistance:			ı	Mega	ger M	IT230/	10141	1578	Co	ontinuity	y: N	Иegger	MI	T230.	/101	4115	78
	electrode resistance:	N/A							loop impe		ce:		•		W315/				D:		legger					
20 1	ESTED BY																									
Nam	e: JONATHAN P	ERRUZZA	Posi	tion:			E	Elect	rician				Sign	ature:		0	20	eme	2		Date	е:	1	0/08	/201!	5

S	CHEDULE OF CIRC	CUIT DETAILS	AN	D TI	EST	RES	ULT	S																		
Distr	ibution board designation	n: D.B. 2 2nd	l Flo	or r	oom	s 4,5	,6	Lo	cation:				Cell	ar						/pe of \ -Other:				N/A		
				_		Circ condu cs	cuit ctors: sa	time S7671	Overcurre de	ent pr		⁄e	RCD	BS7671		Circuit im	pedance	es (Ohms)		ation tance		measured t loop e Zs		RCD	
Circuit number	Circuit desig	nation	Type of wiring	Reference Method	Number of points served	Live	срс	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current	Maximum Zs permitted by B	Ring fi (measu	nal circui ired end rn	ts only to end)	(one co	rcuits olumn to oppleted)	Live - Live	Live - Earth	Polarity	Maximum meas earth fault loop impedance Zs	Disconnection time at In	Disconnection time at 5ln	Test button operation
Circ			Тур	Ref	Nur	mm ²	mm ²	≥ o		_	A	kA	mA	Ω		(Neutral)				Δ MΩ	MΩ	~	Ω	ms	ms ms	⊢ o ✓
1	Shower bed 4		А	С	1	10	4	5	61009	В	40	6	40	1.09				0.18	N/A		> 200	~	0.33	18	18	•
2	Shower bed 6		А	С	1	10	4	5	61009	В	40	6	40	1.09				0.19	N/A		> 200	•	0.34	18	18	~
3	Shower bed 5		А	С	1	10	4	5	61009	В	40	6	40	1.09				0.13	N/A		> 200	~	0.28	18	18	~
4	Kitchen hob		А	С	1	6	2.5	0.4	61009	В	40	6	40	1.09				0.16	N/A		> 200	~	0.31	18	18	~
5	Kitchen sockets		А	С	12	2.5	1.5	0.4	61009	В	32	6	40	1.37	0.70	0.70	1.16	0.30	N/A		> 200	~	0.45	31	15	~
6	Sockets beds 4 ,5 & 6		А	С	12	2.5	1.5	0.4	61009	В	32	6	40	1.37	1.04	1.05	1.75	0.58	N/A		> 200	~	0.73	18	18	~
7	7 Spare																									
8 Spare																										
9	Spare																									
10	Spare																									
11																										
	OARD CHARACTE					0516																				
	LIES WHEN THE BOAR to this distribution board		CIEL		Orig		SIN O)F F			ases:		1					Conf	irmatio	n of su	pply po	olarit	V:		N	/A
Overcu	rrent protective device	BS(EN):							Ratir	ng:					Nomina Voltage		0 v	Zs:			Ω	lpf	-			kA
RCD	distribution circuit.	BS(EN):							No c	of po	les:				Rating:		mA	Disco	onnectionat In:	on	ms	Dis	sconn ne at !		1	ms
	ETAILS OF TEST I																	time	at ni.			CIII	.o at	J. 17.		
_	ils of Test Instruments u	sed (state serial an N/A		asset	t nun				!				loge	or M	IT230/	10141	1570	0-	ntinuity	. \	/legger	· N / I -	T220.	/101/	1115	70
	unctional: electrode resistance:	N/A							resistance: loop impe		·e·			•	W315/			RC	-		egger					
		IV/P					.ur err i	aun		aaric		IV	iegg	JOI LI	vv J 1 J/	10142	3007	110		IV	eggei		DZZ0	, 101	T 1 3 7	70
	ESTED BY e: JONATHAN P	ERRUZZA	Posi	tion:			E	lecti	rician			Ç	Signa	ature:			0	en	2		Date	e:	1(0/08/	2015	5
This for	Name: JONATHAN PERRUZZA Position: Electrician																	0	>) n. f	101/			

S	CHEDULE OF CIRC	UIT DETAILS	EST	RES	ULT	S																				
Distr	ribution board designation	:	D.E	3. 3				Lo	cation:		Cell	ar -	Lan	dlord	s DB				٠, ١	pe of \ Other:				N/A		
				_		condu	cuit ictors: sa	time S7671	Overcurre de	ent pr evices	otectiv	⁄e	RCD	BS7671		Circuit im	npedance				ation tance		measured t loop e Zs		RCD	
mber	Circuit design	ation	of wiring	e Method	of ved			x disconnect time mitted by BS7671		0		2	gu	Zs		nal circui ured end		(one co	rcuits plumn to apleted)	Live	Earth	,	um meas ault loop ince Zs	Disconnection time at In	Disconnection time at 5ln	utton on
Circuit number			Type of w	Reference Method	Number of points served	Live mm ²	cpc mm ²	Max dis	BS(EN)	Type No	➤ Rating	∑ Capacity	3 Operating current	Maximum Φ permitted	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	ΩM	ωMΩ	◆ Polarity	Maximum m B earth fault I impedance	B Discon	Discon stime at	Test button operation
1	Corridor sockets		Α	С	8	2.5	1.5	0.4	61009	В	32	6	30	1.37	0.54	0.54	0.90	0.41	N/A		> 200	~	0.66	38	18	·
2	Central heating		А	С	1	2.5	1.5	0.4	61009	В	16	6	30	2.73				0.20	N/A		> 200	~	0.35	19	15	~
3	Tv Amp sockets cellar		А	С	3	2.5	1.5	0.4	61009	В	16	6	30	2.73				0.07	N/A		> 200	~	0.22	19	15	·
4	Door entry system 1 vway		А	С	1	2.5	1.5	0.4	61009	В	16	6	30	2.73				0.05	N/A		> 200	~	0.20	18	18	~
5	Door entry system 5 vway		А	С	1	2.5	1.5	0.4	61009	В	16	6	30	2.73				0.07	N/A		> 200	~	0.22	18	18	•
6	Cooridor lights		А	С	12	1	1	0.4	61009	В	6	6	30	7.28				3.30	N/A		> 200	~	3.45	20	19	~
7	Basement & outside lights		А	С	5	1	1	0.4	61009	В	6	6	30	7.28				0.96	N/A		> 200	•	1.11	19	19	~
8	Smoke & heat detectors		А	С	48	1	1	0.4	60898	В	6	10	N/A	7.28				3.53	N/A		> 200	~	3.68	N/A	N/A	N/A
9	Laundry sockets		А	С	3	2.5	1.5	0.4	61009	В	32	6	30	1.37	0.40	0.40	0.66	0.30	N/A		> 200	•	0.45	20	18	~
10	Laundry sockets		А	С	3	2.5	1.5	0.4	61009	В	32	6	30	1.37	0.22	0.22	0.37	0.17	N/A		> 200	~	0.32	20	18	~
11	Laundry Dryer		А	С	1	6	2.5	0.4	61009	В	20	6	30	2.19				0.19	N/A		> 200	~	0.34	18	18	~
12	Laundry Dryer		А	С	1	6	2.5	0.4	61009	В	20	6	30	2.19				0.21	N/A		> 200	•	0.36	18	18	•
	BOARD CHARACTER																									
	LIES WHEN THE BOARD to this distribution board		CTEC		THE Orig		SINC)F TH			ΓΙΟΝ ases:		1					Conf	irmation	of su	oa vlaa	larit	V:			
Overcu	urrent protective device	BS(EN):			J				Ratir	•					Nomina Voltage		0 v	Zs:			Ω	lpf	=			kA
RCD	distribution circuit:	BS(EN):							No c	of po	les:				Rating:		mA	Disco	onnectio at In:	n	ms	Dis	sconn ne at		n	ms
C	DETAILS OF TEST I	NSTRUMENTS																TITIC	at m.			CITI	.c at	5111.		
	ils of Test Instruments us	ed (state serial and N/A		asset	t num												4 = 7 0						5000	400		70
	functional:							resistance:							10141			ntinuity		/legger						
Earth 6	electrode resistance:				E	arth	fault	loop impe	danc	e:	N	1egg	er LT	W315/	10142	3689	RC	D:	M	egger	LRC	D220	/101	4139	90	
1	ESTED BY																2									
Nam	e: JONATHAN PE	RRUZZA	Posit			2000		lecti	rician			,	Signa	ture:			20	en	2		Date	e:	10)/08/	/2015	;

S	CHEDULE OF CIRCL	JIT DETAILS	SAN	DT	EST	RES	ULT	S											_							
Distr	ibution board designation:	D.B. 4 firs	st flo	or r	oom	ıs 1,2	2,3	Lo	cation:				Cell	ar						pe of V Other:				N/A		
						condu	cuit ctors: sa	nnect time by BS7671	Overcurre de	ent pr evices	otectiv	⁄e	RCD	BS7671		Circuit im	pedance			Insula resist			sured		RCD	
Circuit number	Circuit designa	tion	of wiring	Reference Method	Number of points served	Live	срс	Max disconnect permitted by B	BS(EN)	oe No	Rating	Capacity	Operating current	Maximum Zs permitted by B	(meası	nal circui ıred end	to end)	(one co	rcuits olumn to oppleted)	e - Live	e - Earth	Polarity	Maximum measu earth fault loop impedance Zs	Disconnection time at In	Disconnection time at 5ln	Test button operation
Circu			Туре	Refer	Numk	mm ²	mm ²	s Ma		Туре	A Rai	Cal KA	mA	ω Me D	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	ω ΩM	E. Θ ΩM	✓ Pol	Ω Ear in	ms Ein	ms Ein Dis	Tes ope
1	Shower bed 1		А	С	1	10	4	5	61009	В	40	6	30	1.09	(Eiiio)	(11041141)	(оро)	0.14	N/A		> 200	~	0.29	18	18	~
2	Shower bed 2		А	С	1	10	4	5	61009	В	40	6	30	1.09				0.14	N/A		> 200	~	0.29	18	18	~
3	Shower bed 3		А	С	1	10	4	5	61009	В	40	6	30	1.09				0.15	N/A		> 200	•	0.30	18	18	~
4	Sockets beds 1,2 & 3		А	С	12	2.5	1.5	0.4	61009	В	32	6	30	1.37	0.75	0.75	1.25	0.47	N/A		> 200	•	0.62	18	18	~
5	Lights beds 1,2 & 3		А	С	9	1	1	0.4	61009	В	6	6	30	7.28				2.00	N/A		> 200	•	2.15	18	18	~
6	Spare																									
7	Spare																									
8	Spare																									
9	Spare																									
10	Spare																									
B	OARD CHARACTER	ISTICS																								
	LIES WHEN THE BOARD to this distribution board		ECTE	от о	THE Orig		SINC	F TH			ΓΙΟΝ ases:		1					Conf	irmation	of su	innly no	Jarit	\/·			
Overcu	rrent protective device	BS(EN):			Orig	,			Ratir	•	ases.				Nomina		0 v	Zs:	IIIIation	or sup	Ω	lpf	,			kA
for the RCD	distribution circuit:	BS(EN):							No c	_	les:				Voltage Rating:	:	mA	Disco	onnectio	'n	ms	Dis	sconne		ก	ms
	ETAILS OF TEST IN		S															time	at In:			LIIT	ne at !	SIN:		
Deta	ils of Test Instruments use	asse	t nun	nbers)	:																					
Multi-f	unctional:	A A			- 1	nsula	tion ı	resistance:						IT230/				ntinuity		Лegger						
Earth e	electrode resistance:			E	arth 1	fault	loop impe	danc	e:	N	legg	er LT	W315/	10142	3689	RC	:D:	Me	legger	LRC	D220	/101	4139	190		
	ESTED BY													-	0							105	1001-			
Nam	e: JONATHAN PEI	Posi	tion:			Е	lecti	rician			,	Signa	ature:			2	en	>		Date	ə :	10)/08/	/2015)	

S	SCHEDULE OF CIRC	CUIT DETAILS	AN	D TI	EST	RES	ULT	S																		
Distr	ribution board designation	n: D.B. 5 firs	t flo	or ro	oom	s 4,5	5,6	Loc	cation:		(Cella	ar 1s	t floo	r					ype of ' -Other				N/A	4	
						condu	cuit ictors: sa	time S7671	Overcurre	ent pr	rotectiv	/e	RCD	BS7671		Circuit im	npedance	es (Ohms	s)		lation stance		measured t loop e Zs		RCD	
Circuit number	Circuit desig	nation	Type of wiring	Reference Method	Number of points served	Live		Max disconnect time permitted by BS7671	BS(EN)	Type No	> Rating	₹ Capacity	3 Operating Surrent	Maximum Zs permitted by B	r1	nal circui ured end rn (Neutral)	r2	(one co	elircuits olumn to mpleted)	ΩM Live - Live	Δ S Live - Earth	Polarity	Maximum meas B earth fault loop impedance Zs	B Disconnection stime at In	Disconnection stime at 5ln	Test button operation
1	Shower bed 4		А	С	1	10	4	5	61009	В	40	6	30	1.09	(Line)	(Neutral)	(срс)	0.23	N/A	IVISZ	> 200	~	0.38	18	18	~
2	Shower bed 5		А	С	1	10	4	5	61009	В	40	6	30	1.09				0.24	N/A		> 200	~	0.39	18	18	~
3	Kitchen main hob		А	С	1	6	2.5	0.4	61009	В	32	6	30	1.37				0.34	N/A		> 200	~	0.49	18	18	~
4	Sockets bed 4 & 5		А	С	8	2.5	1.5	0.4	61009	В	32	6	30	1.37	0.95	0.95	1.58	0.33	N/A		> 200	~	0.48	18	18	~
5	Sockets main kitchen		А	С	12	2.5	1.5	0.4	61009	В	32	6	30	1.37	0.59	0.59	0.98	0.39	N/A		> 200	~	0.54	18	17	~
6	Lights beds 4, 5 studio 5,6	0.4	61009	В	6	6	30	7.28				1.27	N/A		> 200	~	1.42	18	17	~						
7	Spare																									
8	Spare																									
9	Spare																									
10	Spare																									
APP Supply	BOARD CHARACTED LIES WHEN THE BOAR of to this distribution board	D IS NOT CONNE	СТЕГ		THE Orig		SIN O	F TH			TI ON nases		1					Conf	firmatio	n of su	ipply po	olarit	:y:			
	urrent protective device e distribution circuit:	BS(EN):							Ratii	ng:					Nomina Voltage		0 v	Zs:			Ω	lpf				kA
RCD		BS(EN):							No c	of po	les:				Rating:		mA		onnecti at In:	on	ms		sconn ne at		n	ms
	DETAILS OF TEST Inits of Test Instruments us			accot	nun	nhere)																				
	unctional:	sed (state serial an N/A		asset	riufi			tion r	esistance:			N	Ледо	jer M	IT230/	10141	1578	Сс	ontinuit	y: N	Megger	MI	T230/	/101	4115	78
Earth	electrode resistance:	N/A				Е	arth f	fault	loop impe	dano	ce:	N	/legg	er LT	W315/	'10142	23689	RC	CD:	N	legger	LRC	:D220)/10¹	14139	990
Earth electrode resistance: N/A Earth fault loop impedance: Megger LTW315/101423689 TESTED BY Name: JONATHAN PERRUZZA Position: Electrician Signature:													en			Date	e:	1()/08.	/201	5					

S	CHEDULE OF CIRCL	SAN	DT	EST	RES	ULT	S																			
Distr	ibution board designation:	D.B. 6 Stud	io (S	how	er &	sock	(ets	Lo	cation:				Cell	ar						/pe of \ -Other:				N/A		
						Circ condu cs	cuit ctors: sa	time S7671	Overcurre de	ent pr evices	otectiv	'e	RCD	BS7671		Circuit im	pedance	s (Ohms)	Insul resist			measured t loop e Zs		RCD	
Circuit number	Circuit designat	ion	e of wiring	Reference Method	Number of points served	Live	срс	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current	Maximum Zs permitted by B		nal circuit ured end t		(one co	rcuits plumn to ppleted)	Live - Live	Live - Earth	Polarity	Maximum meas earth fault loop impedance Zs	Disconnection time at In	Disconnection time at 5ln	Test button operation
Circ			Туре	Ref	Nur	mm ²	mm ²	S			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	~	Ω	ms	ms	'
1	Shower		А	С	1	10	4	5	61009	В	40	6	30	1.09				0.21	N/A		> 200	•	0.36	18	18	~
2	Sockets		А	С	12	2.5	1.5	0.4	61009	В	32	6	30	1.37	0.59	0.59	0.98	0.31	N/A		> 200	•	0.46	18	18	~
	OARD CHARACTER!	CTLCC																								
	SOARD CHARACTERI LIES WHEN THE BOARD		ECTEI	от с	THE	ORIC	SIN C	F TH	IE I NSTAI	LLA ⁻	TION	l														
Supply	to this distribution board i	s from:			Orig	jin			No c	of ph	ases:		1					Conf	irmatio	n of su	pply po	larit	y:			
	rrent protective device distribution circuit:	BS(EN):							Ratii	ng:					Nomina Voltage		O C	Zs:			Ω	lpf	:			kA
RCD		BS(EN):							No c	of po	les:				Rating:		mA		onnection at In:	on	ms		sconn ne at		า	ms
	ETAILS OF TEST IN																									
	ils of Test Instruments use unctional:	na/or A	asse	t nun			tion i	resistance:			N	Леас	aer M	IT230/	10141 ⁻	1578	Co	ntinuity	/: N	/legger	· MI	Γ230/	′1014	1115 [.]	78	
Earth (electrode resistance:	A			E	arth	fault	loop impe	danc	e:			-	W315/			RC	_		egger						
	ESTED BY																									
Nam		Posi	tion:			Е	lecti	rician			;	Signa	ature:		V	2	em			Date	e:	10)/08/	'2015	5	

S	CHEDULE OF CIRCL	SAN	DT	EST	RES	ULT	S																			
Distr	ibution board designation:	D.B. 7 Studio	2 (sho	ower	, hob	& socl	kets)	Lo	cation:				Cell	ar						ype of \ -Other:				N/A		
				_		condu	cuit ctors: sa	nnect time by BS7671	Overcurre de	ent pr evices	otectiv	re	RCD	BS7671		Circuit im	pedance	s (Ohms)		lation tance		measured t loop e Zs		RCD	
Circuit number	Circuit designat	tion	Type of wiring	Reference Method	Number of points served	Live	срс	Max disconnect permitted by B3	BS(EN)	Type No	Rating	Capacity	Operating current	Maximum Zs permitted by B		nal circui ured end rn		(one co	rcuits blumn to npleted)	Live - Live	Live - Earth	Polarity	Maximum meas earth fault loop impedance Zs	Disconnection time at In	Disconnection time at 5ln	Test button operation
ij			Ę	Re	N od	mm ²	mm ²	s		ı.	A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	~	Ω	ms	ms	V
1	Shower		A	С	1	10	4	5	61009	В	40	6	30	1.09				0.20	N/A		> 200	~	0.35	18	18	~
2	Hob		А	С	1	6	2.5	0.4	61009	В	32	6	30	1.37				0.47	N/A		> 200	•	0.62	38	10	~
3	Sockets		А	С	15	2.5	1.5	0.4	61009	В	32	6	30	1.37	0.89	0.89	1.48	0.59	N/A		> 200	~	1.25	51	19	~
4	Spare																									
5	Spare																									
6	Spare																									
	OARD CHARACTERI	STICS																								
	LIES WHEN THE BOARD		ECTE	о то			SIN C	F TH	HE I NSTAI	LLA	TION	ı														
	to this distribution board i	s from:			Orig	in			No c	of ph	ases:		1		Nomina	ıl.		Conf	irmatio	n of su	pply po	olarit	y:			
	rrent protective device distribution circuit:	BS(EN):							Ratin	ng:					Voltage		O V	Zs:			Ω	lpf				kA
RCD		BS(EN):							No c	of po	les:			ı	Rating:		mA		onnection at In:	on	ms		sconn ne at		า 	ms
	ETAILS OF TEST IN ils of Test Instruments use			2556	t nun	nhers)																				
	unctional:	A	a330	THAI			tion	resistance:			N	/legg	jer MI	T230/	10141	1578	Со	ntinuity	y: N	Лegger	. MI	Γ230/	′101₄	1115 ⁻	78	
Earth 6	electrode resistance:	A			E	arth 1	fault	loop impe	danc	ce:	N	1egg	er LT	W315/	′10142	3689	RC	D:	М	legger	LRC	D220	/101	4139	990	
	ESTED BY																									
Nam	e: JONATHAN PER	Posi	tion:			Е	lect	rician			;	Signa	ature:			50	em			Date	e:	10)/08/	'2015	;	

S	CHEDULE OF CIRCUIT	S AN	D T	EST	RES	ULT	S																			
Distr	ibution board designation:	D.B. 10 Stud	io 3 (Sho	wer &	& socl	kets)	Lo	cation:				Cel	ar						/pe of \ -Other:				N/A		
				_		condu	cuit ctors: sa	unnect time by BS7671	Overcurre de	ent pr evices	otectiv	⁄e	RCD	BS7671		Circuit im	pedance	s (Ohms)	Insul resis			measured t loop e Zs		RCD	
it number	Circuit designation		of wiring	Reference Method	Number of points served	Live	срс	Max disconnect permitted by B	BS(EN)	oe No	Rating	Capacity	Operating current	Maximum Zs permitted by B	(measi	nal circui ured end	to end)	(one co	rcuits blumn to apleted)	e - Live	e - Earth	Polarity	Maximum meas earth fault loop impedance Zs	Disconnection time at In	Disconnection time at 5ln	Test button operation
Circuit			Туре	Refer	Numb	mm ²	mm ²	s Ma		Type	A Rat	Cak KA	mA	ω D D E	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	ΩM	ω MΩ	√ Pol	Ω Ear in	ms Ein Dis	ms Eim Dis	Tes ope
1	Shower		А	С	1	10	4	5	61009	В	40	6	30	1.09	(=)	(,	(= -/	0.11	N/A		> 200	~	0.26	18	18	~
2	Sockets		А	С	11	2.5	1.5	0.4	61009	В	32	6	30	1.37	0.75	0.75	1.25	0.45	N/A		> 200	~	0.60	38	20	~
	OARD CHARACTERIS	TICS																								
	LIES WHEN THE BOARD IS		ECTE) TC	THE Orig		SINC)F TH					1					Comf	:	e		الما الما الما				
Overcu	to this distribution board is furrent protective device	S(EN):			Orig)111			Ratii	•	ases:				Nomina		0 v		irmatio	n or su	ppiy pc Ω					kA
for the RCD	distribution circuit.	S(EN):							No c	Ü	les:				Voltage Rating:	: 20	mA		onnectio	on	ms		sconn		า	ms
	ETAILS OF TEST INS	S															time	at In:			tin	ne at	bin:			
	ils of Test Instruments used (nd/or	asse	et nun								-		/						_						
	unctional:	A						resistance:					-	IT230/				ntinuity		/legger						
	electrode resistance:	A			E	arth	iauit	loop impe	uanc	:e:	I\	/iegg	jer L l	W315/	10142	3689	RC	ט:	M	egger	LRC	D220	/101	4139	190	
Nam	ESTED BY e: JONATHAN PERR	Posi	tion:			F	Tect	rician				Sian	ature:			0	en			Date	e:	10)/08 ₄	'2015	<u>.</u>	
	55.5/111/11/11 EI		. 551				-						3.10					0						551		

S	CHEDULE OF CIRCUIT	Γ DETAILS	AN	D T	EST	RES	ULT	S																		
Distr	bution board designation: D	.B. 11 Studio 3	(Hob	studio	o 3 & I	ights s	tudios	Lo	cation:				Cel	lar						pe of V Other:				N/A		
				_		Circ condu cs	ctors:	nnect time by BS7671	Overcurre d	ent pr evices	otectiv	/e	RCD	BS7671		Circuit im	npedance	es (Ohms		Insula resist			sured		RCD	
umber	Circuit designation		of wiring	Reference Method	of	15		isconnect tted by B	DC (EN)	No ON		ity	ting	Zs	Ring fin (measu	nal circui ired end	ts only to end)	(one co	rcuits plumn to apleted)	Live	- Earth	<u> </u>	fault loop lance Zs	Disconnection time at In	Disconnection time at 5ln	utton tion
Circuit number			Type of	Reference	Number of points served	Live mm ²	cpc mm ²	Max discon	BS(EN)	Type	➤ Rating	∑ Capacity	3 Operating current	Maximum permitted	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	ν Ω ΜΩ	- ΓΙΛΕ ΩΜ	✓ Polarity	Maximum n σ earth fault I impedance	a Discor	a Discor	Test button operation
1	Hob		А	С	1	6	2.5	0.4	61009	В	32	6	30	1.37				0.45	N/A		> 200	-	0.60	18	18	~
2	Lights Studios 1&2 3&4		А	С	14	1	1	0.4	61009	В	6	6	30	7.28				1.07			> 200	~	2.22	18	18	~
R	OARD CHARACTERIS	TLCS																								
	LIES WHEN THE BOARD IS		CTE	от о			SINC	F TH	HE INSTAI	LLA	TION	1														
	to this distribution board is fr rrent protective device				Orig	in					ases:	:	1		Nomina	00	•	Conf	irmation	ı of sup	oply po	larit	y:			
	distribution circuit:	S(EN):							Ratii	Ü					Voltage		0 V	Zs:	onnectio	nn –	Ω	lpf	: sconn	ection	1	kA
RCD		S(EN):							No c	of po	les:				Rating:		mA		at In:		ms		ne at			ms
	ETAILS OF TEST INST	asse	t nun	nbers)	:																					
Multi-fi	unctional:	4			1	nsula	tion i	resistance:			N	Иед	ger M	IT230/	10141	1578	Со	ntinuity	: N	/legger	MIT	Γ230/	1014	1115	78	
Earth e	electrode resistance:			E	arth	fault	loop impe	danc	e:	N	/legg	ger LT	W315/	10142	3689	RC	D:	Me	egger	LRC	D220	/101	4139	90		
	ESTED BY																									
Nam	e: JONATHAN PERRU	Posi	tion:			E	Electi	rician				Sign	ature:			20	eme	2		Date	e:	10)/08/	2015	;	

S	CHEDULE OF CIRC	S AN	D T	EST	RES	ULT	S																			
Distr	ibution board designation	n: D.B.12 Stud	io 4 (Sho	ver 8	& sock	(ets)	Lo	cation:				Cell	ar						e of W Other:	iring			N/A		
				70		Circ condu cs		nnect time by BS7671	Overcurre de	ent pr evices	otectiv	e	RCD	BS7671		Circuit im	npedance			Insulat resista			sured		RCD	
mber	Circuit desig	nation	of wiring	Method	of ved			sconnec: ed by B		0		≥	ing	Zs		nal circui ired end		(one co	rcuits plumn to ppleted)	Live	- Earth		um measi ault loop ince Zs	Disconnection time at In	Disconnection time at 5ln	utton on
Circuit number			Type of w	Reference Method	Number of points served	Live mm ²	cpc mm ²	Max discon	BS(EN)	Type No	> Rating	∑ Capacity	3 Operating	Maximum permitted	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	- Γ. P. C.	- F Γινε - Ε	✓ Polarity	Maximum n B earth fault I impedance	Discont sa time at	Disconi sa time at	Test button operation
1	Shower		А	С	1	10	4	5	61009	В	40	6	30	1.09	(LINC)	(Neutrar)	(срс)	0.23	N/A		> 200	v	0.38	18	18	~
2	Sockets		A	С		2.5	1.5	0.4	61009	В	32	6	30	1.37	0.39	0.39	0.65	0.17	N/A	;	> 200	~	0.42	30	18	~
	OARD CHARACTE	RISTICS																								
	LIES WHEN THE BOAR		ECTEI	от с			SINC	F TH	IE I NSTAI	LLA	TION	l														
	to this distribution boar irrent protective device				Orig	jin				•	ases:		1		Nomina	ء ا		Conf	irmation	of supp	ply po	larity	y:			
	distribution circuit:	BS(EN):							Ratii	Ü					Voltage		0 V	Zs:	onnection	n	Ω	lpf Dis	: sconne	ectio	n	kA
RCD		BS(EN):							No c	of po	les:				Rating:		mA		at In:	<u> </u>	ms		ne at 5			ms
	ETAILS OF TEST I ils of Test Instruments u		asse	et nun	nbers)	:																				
Multi-f	unctional:	Ά			ı	nsula	tion ı	resistance:			N	Ледо	ger M	IT230/	10141	1578	Со	ntinuity:	Me	egger	MIT	Г230/	1014	1115 ⁻	78	
Earth 6	electrode resistance:	'A			E	arth	fault	loop impe	danc	e:	N	/legg	jer LT	W315/	10142	3689	RC	D:	Ме	gger I	LRC	D220	/101	4139	990	
	ESTED BY																									
Nam	e: JONATHAN P	Posi	tion:			E	Electi	rician				Signa	ature:		0	20	en	2		Date	e :	10)/08/	2015	5	

S	CHEDULE OF CIRC	UIT DETAILS	EST	RES	ULT	S																				
Distr	ibution board designation	: D.B.13 Stud	io 5(shov	ver &	sock	ets)	Lo	cation:				Cell	ar						e of W Other:	'iring			N/A		
				-		Circ condu cs	ctors:	nnect time by BS7671	Overcurre de	ent pr evices	otectiv	e	RCD	BS7671		Circuit im	pedance			Insulat resista			sured		RCD	
Circuit number	Circuit design	ation	Type of wiring	Reference Method	Number of points served	Live	срс	Max disconnec permitted by B	BS(EN)	Type No	Rating	Capacity	Operating current	Maximum Zs permitted by B		nal circui ired end rn		(one co	rcuits blumn to apleted)	Live - Live	Live - Earth	Polarity	Maximum measu earth fault loop impedance Zs	Disconnection time at In	Disconnection time at 5ln	Test button operation
					1	mm ²	mm ²	S			Α	kA	mA	Ω		(Neutral)	(cpc)			ΜΩ	ΜΩ	~	Ω	ms	ms	'
1	Shower		A	С	1	10	4	5	61009	В	40	6	30	1.09				0.29	N/A	:	> 200	•	0.44	18	18	•
2	Sockets		A	С	8	2.5	1.5	0.4	61009	В	32	6	30	1.37	0.55	0.55	0.91	1.02	N/A	:	> 200	~	1.17	30	20	~
APP	OARD CHARACTER LIES WHEN THE BOARD to this distribution board) IS NOT CONNI	ECTEI	о то	THE Orig		SIN C)F TH			ΓΙΟΝ ases:		1					Conf	irmation	of sup	ply po	larit ₎	y:			
	urrent protective device distribution circuit:	BS(EN):							Ratir	ng:					Nomina Voltage		0 V	Zs:			Ω	lpf:	:			kA
RCD	and the distribution of th	BS(EN):							No c	of po	les:				Rating:		mA		onnectior at In:	ו	ms		sconne		ו	ms
	ETAILS OF TEST II	t nun	abore)																							
	unctional:	A	asse	TIUII			tion r	esistance:			N	Ледс	ger M	IT230/	10141	1578	Со	ntinuity:	Me	egger	МІТ	Γ230/	1014	11157	78	
	electrode resistance:	A						loop impe		e:			-	W315/			RC	_		gger I						
	ESTED BY																									
Nam	e: JONATHAN PE	Posi	tion:			E	lectr	rician			Ç	Signa	ature:			2	em			Date	∋:	10)/08/	2015)	

S	CHEDULE OF CIRC	CUIT DETAILS	S AN	DT	EST	RES	ULT	S																		
Distr	ibution board designation	n: D.B.14 Stud	lio 6(shov	ver 8	sock	ets)	Lo	cation:				Cell	ar						be of V Other:	Viring			N/A		
				_		Circ condu cs		nnect time by BS7671	Overcurre d	ent pr evices	otectiv	⁄e	RCD	BS7671		Circuit im	npedance			Insula resist			sured		RCD	
ımber	Circuit design	nation	of wiring	e Method	of			sconnected by B		0		≥	ing	Zs		nal circui ired end		(one co	ircuits olumn to npleted)	Live	- Earth		ault loop	Disconnection time at In	Disconnection time at 5ln	utton on
Circuit number			Type of w	Reference Method	Number of points served	Live mm ²	cpc mm ²	Max discon	BS(EN)	Type No	> Rating	∑ Capacity	3 Operating	Maximum permitted	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	Γive - I	ΩM	Polarity	Maximum n B earth fault I impedance	Discon stime at	Discon g time at	Test button operation
1	Shower		А	С	1	10	4	5	61009	В	40	6	30	1.09	(LINC)	(Neutrar)	(срс)	0.27	N/A	10152	> 200	~	0.42	18	18	~
2	Sockets kitchen		А	С	8	2.5	1.5	0.4	61009	В	32	6	30	1.37	0.39	0.39	0.65	0.46	N/A		> 200	~	0.61	18	18	~
Æ	OARD CHARACTER	RISTICS																								
	LIES WHEN THE BOAR		ECTE	от с	THE Orig		SINC)F TH			TION ases:		1					Conf	irmation	of cur	anly no	Jarit	\			
Overcu	ırrent protective device	BS(EN):			Orig	,			Ratii		ases.				Nomina		0 v	Zs:	iiiiatioii	i Oi Su	Ω	lpf				kA
for the RCD	distribution circuit:	BS(EN):							No c	Ü	les:				Voltage Rating:	:	mA	Disco	onnectio	n	ms	Dis	sconne		1	ms
	ETAILS OF TEST I	S															ume	at In:			UIT	ne at !	5111:			
	ils of Test Instruments us		asse	et nun								4		IT000/	10111	1570					N 41-	F000/	11.01		70	
	unctional: electrode resistance:	A A						resistance: loop impe		20.		•	•	IT230/				ontinuity: CD:		legger						
		Α				.artii	iauil	100b IIIIbe	uaric	.e.	١٧	negg	Jei Li	W315/	10142	3089	RC	.D.	IVI	egger	LKC	DZZU	/ 101	4135	90	
Nam	ESTED BY e: JONATHAN P	Posi	tion:			E	Elect	rician			,	Signa	ature:		0	50	en			Date	e:	10)/08/	2015	;	
)							

ELECTRICAL INSTALLATION CONDITION REPORT GUIDANCE FOR RECIPIENTS

(to be appended to the Report)

This Report is an important and valuable document which should be retained for future reference.

The purpose of this Condition Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in satisfactory condition for continued service (see Section 7). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger.

The person ordering the Report should have received the "original" Report and the inspector should have retained a duplicate.

The "original" Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.

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 quarterly. For safety reasons it is important that this instruction is followed.

Section 4 (Extent and Limitations) should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the Report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.

Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in section 4 - Extent and Limitations on page 1.

For items classified in the observations as C1 ("Danger present"), the safety of those using the installation is at risk, and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work immediately.

For items classified in the observations as C2 ("Potentially dangerous"), the safety of those using the installation may be at risk and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.

Where it has been stated that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code of C1 or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section 8 - Recommendations).

For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. The recommended date by which the next inspection is due is stated on page 3 under section 10 'Next Inspection', and on a label at or near to the consumer unit / distribution board.