



Certificate Reference: **DPR5 0062607**


1 DETAILS OF THE CLIENT		2 ADDRESS AND DETAILS OF THE INSTALLATION	
Client:	David Howarth	Installation:	3 Bed House
Address:	11 Rosary Gardens Yateley	Address:	23 Southall Avenue Brighton
Postcode:	GU466JT	Postcode:	BN24BA
		Estimated age of electrical installation:	6 years
		Evidence of alterations or additions:	n/a if yes, estimated age: n/a years
		Date of previous inspection:	07/07/2015 Installation Cert number: N/A
		Records of installation available:	yes Records held by: jpg

3 PURPOSE OF THE REPORT	
Purpose for which this report is required:	Change of occupancy.

4 EXTENT OF THE INSTALLATION AND LIMITATIONS OF THE INSPECTION AND TESTING	
Extent of the electrical installation covered by this report:	D.B. and all final circuits.
Agreed and operational limitations of the inspection and testing (include reasons and person agreed with):	None

The inspection has been carried out in accordance with BS 7671:2008, as amended to 2013. 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 3), 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 8) and the attached schedules (see section 16), 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:	James Hughes	Position:	Electrician
Signature:		Date:	03/07/2014
Report reviewed and authorised for issue by:			
Name:	I. Johnstone	Position:	Qualified Supervisor
Signature:		Date:	03/07/2014

6 DETAILS OF THE ELECTRICAL CONTRACTOR		7 SUMMARY OF THE CONDITION OF THE INSTALLATION	
Trading Title:	J.P. Garrett Electrical	See page 3 for a summary of the general condition of the installation in terms of electrical safety.	
Address:	19 Southdown Avenue Brighton East Sussex	Overall assessment of the installation in terms of it's suitability for continued use*:	
		<b>SATISFACTORY</b>	
Postcode:	BN1 6EH	* An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2) conditions have been identified.	
Registration Number:	25372	Telephone Number: 01273 553900	



## 9 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 '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:

Satisfactory

## 10 NEXT INSPECTION

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

5 Years or change of tenant/owner (Enter interval in terms of years, months or weeks, as appropriate)

provided that any items in section 8 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 8).

## 11 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System Type(s)	Number and Type of Live Conductors				Nature of Supply Parameters			Characteristics of Primary Supply Overcurrent Protective Device(s)		
TN-S <input type="checkbox"/> N/A	1-phase (2 wire): <input checked="" type="checkbox"/>	1-phase (3 wire): <input type="checkbox"/> N/A	Nominal voltage(s): U: 230 V Uo: n/a V	Nominal frequency, f: 50 Hz	External earth fault loop impedance, Ze: 0.23 Ω	Prospective fault current, Ipf: 1.1 kA	BS(EN): 1361 Fuse HBC	Type: 1		
TN-C-S <input checked="" type="checkbox"/>	3-phase (3 wire): <input type="checkbox"/> N/A	3-phase (4 wire): <input type="checkbox"/> N/A					Rated current: 60 A	Short-circuit capacity: 16.5 kA		
TT <input type="checkbox"/> N/A	Other: <input type="checkbox"/> N/A									
Confirmation of supply polarity: <input checked="" type="checkbox"/>										

## 12 PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of Earthing		Details of Installation Earth Electrode (where applicable)				Protective measure(s) against electric shock:	
Distributor's facility: <input checked="" type="checkbox"/>	Type: <input type="checkbox"/> N/A	Location: <input type="checkbox"/> N/A	Method of measurement: <input type="checkbox"/> N/A		Maximum Demand (Load): 60 Amps		ADS
Installation earth electrode: <input type="checkbox"/> N/A	Electrode resistance, RA: <input type="checkbox"/> N/A Ω						
Main Switch or Circuit-Breaker				Earthing and Protective Bonding Conductors			
Type BS(EN): 60898 MCB - B	Voltage rating: 240 V	Earthing conductor					
Number of poles: 2	Rated current, In: 100 A	Conductor material: Copper	Conductor csa: 16 mm <sup>2</sup>	Continuity & connection verified: <input checked="" type="checkbox"/>			
Supply conductors material: Copper	RCD operating current: N/A mA	Main protective bonding conductors					
Supply conductors csa: 25 mm <sup>2</sup>	RCD rated time delay: N/A ms	Conductor material: Copper	Conductor csa: 10 mm <sup>2</sup>	Continuity & connection verified: <input checked="" type="checkbox"/>			
	RCD operating time: N/A ms	Bonding of extraneous-conductive parts					
		Water service: <input checked="" type="checkbox"/>	Gas service: <input checked="" type="checkbox"/>	Oil service: <input type="checkbox"/> N/A	Lightning protection: <input type="checkbox"/> N/A		
		Structural Steel: <input type="checkbox"/> N/A	Other incoming service(s): <input type="checkbox"/> N/A				

# 13 INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100 A SUPPLY

Item No	Description	Comment	Outcome	Further Investigation Required
<b>1.0 CONDITION/ADEQUACY OF DISTRIBUTORS/SUPPLY INTAKE EQUIPMENT</b>				
1.1	Service cable condition	N/A	Pass	No
1.2	Condition of service head	N/A	Pass	No
1.3	Condition of tails - Distributor	N/A	Pass	No
1.4	Condition of tails - Consumer	N/A	Pass	No
1.5	Condition of metering equipment	N/A	Pass	No
1.6	Condition of isolator (where present)	N/A	Pass	No
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWITCHED ALTERNATIVE SOURCES (551.6; 551.7)	N/A	N/A	No
<b>3.0 EARTHING / BONDING ARRANGEMENTS (411.3; Chapter 54)</b>				
3.1	Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2)	N/A	Pass	No
3.2	Presence and condition of earth electrode connection where applicable (542.1.2.3)	N/A	N/A	No
3.3	Provision of earthing/bonding labels at all appropriate locations (514.11)	N/A	Pass	No
3.4	Confirmation of earthing conductor size (542.3; 543.1.1)	N/A	Pass	No
3.5	Accessibility and condition of earthing conductor at MET (543.3.2)	N/A	Pass	No
3.6	Confirmation of main protective bonding conductor sizes (544.1)	N/A	Pass	No
3.7	Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)	N/A	Pass	No
<b>4.0 CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)</b>				
4.1	Adequacy of working space / accessibility to consumer unit / distribution board (132.12; 513.1)	N/A	Pass	No
4.2	Security of fixing (134.1.1)	N/A	Pass	No
4.3	Condition of enclosure(s) in terms of IP rating etc (416.2)	N/A	Pass	No
4.4	Condition of enclosure(s) in terms of fire rating etc (526.5)	N/A	Pass	No
4.5	Enclosure not damaged/deteriorated so as to impair safety (621.2(iii))	N/A	Pass	No
4.6	Presence of main linked switch (as required by 537.1.4)	N/A	Pass	No
4.7	Operation of main switch (functional check) (612.13.2)	N/A	Pass	No
4.8	Manual operation of circuit-breakers and RCD's to prove disconnection (612.13.2)	N/A	Pass	No
4.9	Correct identification of circuit details and protective devices (514.8.1; 514.9.1)	N/A	Pass	No
4.10	Presence of RCD quarterly test notice at or near consumer unit / distribution board (514.12.2)	N/A	Pass	No
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit / distribution board (514.14)	N/A	Pass	No
4.12	Presence of alternative supply warning at or near consumer unit / distribution board (514.15)	N/A	N/A	No
4.13	Presence of other required labelling (please specify) (Section 514)	N/A	N/A	No
4.14	Presence of replacement next inspection recommendation label	N/A	Pass	No
4.15	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (421.1.3)	N/A	Pass	No
4.16	Single-pole protective devices in line conductor only (132.14.1; 530.3.2)	N/A	Pass	No
4.17	Protection against mechanical damage where cables enter consumer unit / distribution board (522.8.1; 522.8.11)	N/A	Pass	No
<b>OUTCOMES</b>   Acceptable condition   PASS   Unacceptable condition   C1 or C2   Improvement recommended   C3   Not verified   N/V   Limitation   LIM   Not applicable   N/A				

## 1.4 INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100 A SUPPLY

Item No	Description	Comment	Outcome	Further Investigation Required													
<b>4.0 CONSUMER UNIT(S) / DISTRIBUTION BOARD(S) (CONTINUED)</b>																	
4.18	Protection against electromagnetic effects where cables enter consumer unit / distribution board / enclosures (521.5.1)	N/A	Pass	No													
4.19	RCD(s) provided for fault protection - includes RCBOs (411.4.9; 411.5.2; 531.2)	N/A	Pass	No													
4.20	RCD(s) provided for additional protection - includes RCBOs (411.3.3; 415.1)	N/A	C3	No													
<b>5.0 FINAL CIRCUITS</b>																	
5.1	Identification of conductors (514.3.1)	N/A	Pass	No													
5.2	Cables correctly supported throughout their run (522.8.5)	N/A	Pass	No													
5.3	Condition of insulation of live parts (416.1)	N/A	Pass	No													
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) (to include the integrity of conduit and trunking systems in metallic and plastic)	N/A	Pass	No													
5.5	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A	Pass	No													
5.6	Coordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	Pass	No													
5.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A	Pass	No													
5.8	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	N/A	Pass	No													
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	N/A	Pass	No													
5.10	Concealed cables installed in prescribed zones (see Extent and Limitations) (522.6.101)	N/A	Pass	No													
5.11	Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage from nails, screws and the like (see Extent and Limitations) (522.6.101; 522.6.103)	N/A	Pass	No													
<b>5.12 - Provision of additional protection by RCD not exceeding 30mA:</b>																	
5.12.1	For all socket outlets of rating 20A or less provided for use by ordinary persons unless an exception is permitted (411.3.3)	N/A	Pass	No													
5.12.2	For supply to mobile equipment not exceeding 32A rating for use outdoors (411.3.3)	N/A	N/A	No													
5.12.3	For cables concealed in walls or partitions (522.6.102; 522.6.103)	N/A	C3	No													
5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	Pass	No													
5.14	Band II cables segregated/separated from Band I cables (528.1)	N/A	Pass	No													
5.15	Cables segregated/separated from communications cabling (528.2)	N/A	Pass	No													
5.16	Cables segregated/separated from non-electrical services (528.3)	N/A	Pass	No													
<b>5.17 - Termination of cables at enclosures - indicate extent of sampling in Extent and Limitations of the report (Section 526)</b>																	
5.17.1	Connections soundly made and under no undue strain (526.6)	N/A	Pass	No													
5.17.2	No basic insulation of a conductor visible outside enclosure (526.98)	N/A	Pass	No													
5.17.3	Connections of live conductors adequately enclosed (526.5)	N/A	Pass	No													
5.17.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	N/A	Pass	No													
5.18	Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii))	N/A	Pass	No													
5.19	Suitability of accessories for external influences (512.2)	N/A	Pass	No													
<table border="0" style="width: 100%; font-size: small;"> <tr> <td style="width: 10%;">OUTCOMES</td> <td style="width: 15%;">Acceptable condition</td> <td style="width: 15%;">PASS</td> <td style="width: 15%;">Unacceptable condition</td> <td style="width: 15%;">C1 or C2</td> <td style="width: 15%;">Improvement recommended</td> <td style="width: 10%;">C3</td> <td style="width: 10%;">Not verified</td> <td style="width: 10%;">N/V</td> <td style="width: 10%;">Limitation</td> <td style="width: 10%;">LIM</td> <td style="width: 10%;">Not applicable</td> <td style="width: 10%;">N/A</td> </tr> </table>					OUTCOMES	Acceptable condition	PASS	Unacceptable condition	C1 or C2	Improvement recommended	C3	Not verified	N/V	Limitation	LIM	Not applicable	N/A
OUTCOMES	Acceptable condition	PASS	Unacceptable condition	C1 or C2	Improvement recommended	C3	Not verified	N/V	Limitation	LIM	Not applicable	N/A					

**15 INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100 A SUPPLY**

Item No	Description	Comment	Outcome	Further Investigation Required								
<b>6.0 - ISOLATION AND SWITCHING (ISOLATION, SWITCHING OFF FOR MECHANICAL MAINTENANCE, EMERGENCY STOPPING AND FUNCTIONAL SWITCHING)</b>												
<b>6.1 - In General</b>												
6.1.1	Presence and condition of appropriate devices (537.2.2)	N/A	Pass	No								
6.1.2	Correct operation verified (612.13.2)	N/A	Pass	No								
<b>6.2 - For isolation and switching for mechanical maintenance only</b>												
6.2.1	Capable of being secured in the OFF position where appropriate (537.2.1.2)	N/A	Pass	No								
6.2.2	Acceptable location - state if local or remote from equipment being controlled where appropriate (537.2.1.5)	N/A	Pass	No								
6.2.3	Clearly identified by position and/or durable marking(s) (537.2.2.6)	N/A	Pass	No								
<b>6.3 For isolation only</b>												
6.3.1	Warning label(s) 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	Pass	No								
<b>6.4 For emergency switching/stopping only</b>												
6.4.1	Readily accessible for operation where danger might occur (537.4.2.5)	N/A	Pass	No								
<b>7.0 CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)</b>												
7.1	Condition of equipment in terms of IP rating (416.2)	N/A	Pass	No								
7.2	Equipment does not constitute a fire hazard (Section 421)	N/A	Pass	No								
7.3	Enclosure not damaged/deteriorated so as to impair safety (621.2(iii))	N/A	Pass	No								
7.4	Suitability for the environment and external influences (512.2)	N/A	Pass	No								
7.5	Security of fixing (134.1.1)	N/A	Pass	No								
7.6	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire List number and location of luminaires inspected. (Separate page)	N/A	Pass	No								
<b>7.7 Recessed luminaires (downlighters)</b>												
7.7.1	Correct type of lamps fitted	N/A	Pass	No								
7.7.2	Installed to minimise build-up of heat by use of fire rated fittings, insulation displacement box or similar (421.1.1)	N/A	Pass	No								
7.7.3	No signs of overheating to surrounding building fabric (559.5.1)	N/A	Pass	No								
7.7.4	No signs of overheating to conductors / terminations (526.1)	N/A	Pass	No								
<b>8.0 LOCATION(S) CONTAINING A BATH OR SHOWER</b>												
8.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3)	N/A	Pass	No								
8.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)	N/A	N/A	No								
8.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	N/A	N/A	No								
8.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2008 (701.415.2)	N/A	N/A	No								
8.5	Low voltage (e.g. 230 volt) socket -outlets sited at least 3m from Zone 1 (701.512.3)	N/A	N/A	No								
8.6	Suitability of equipment for external influences from installed location in terms of IP rating	N/A	Pass	No								
8.7	Suitability of equipment for installation in a particular zone (701.512.3)	N/A	Pass	No								
8.8	Suitability of current-using equipment for particular position within the location (701.55)	N/A	Pass	No								
<b>9.0 OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS</b>												
List all other special installation or locations present, if any. (Record separately the results of particular inspections applied.)												
9.1	N/A	N/A	N/A	No								
9.2	N/A	N/A	N/A	No								
OUTCOMES	Acceptable condition	PASS	Unacceptable condition	C1 or C2	Improvement recommended	C3	Not verified	N/V	Limitation	LIM	Not applicable	N/A

# 16 SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Designation of consumer unit:		D.B. 1		Location:		Kitchen		Prospective fault current:		0.847 kA		Type of Wiring		pvc/pvc															
Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa		Max disconnect time permitted by BS7671	Overcurrent protective devices			RCD	Maximum Zs permitted by BS7671	Circuit impedances (Ohms)					Insulation resistance				RCD							
					Live	cpc		BS(EN)	Type No	Rating			Capacity	Ring final circuits only (measured end to end)		All circuits (one column to be completed)			Line/Line	Line/Neutral	Line/Earth	Neutral/Earth	Polarity	Maximum measured earth fault loop impedance Zs	RCD				
														r1	r2	R1+R2	R2	Disconnection time at In							Disconnection time at 5In	Test button operation			
mm <sup>2</sup>	mm <sup>2</sup>	s	A	kA	mA	Ω	(Line)	(Neutral)	(cpc)	MΩ	MΩ	MΩ	MΩ	✓	Ω	ms	ms	✓											
1	Cooker	A	B	2	6	2.5	0.4	60898	B	32	6	N/A	1.44	n/a	n/a	n/a	0.06	n/a	n/a	> 200	> 200	> 200	> 200	✓	0.39	n/a	n/a	N/A	
2	Downstairs lights	A	B	7	1.5	1.0	0.4	60898	B	6	6	N/A	7.67	n/a	n/a	n/a	1.09	n/a	n/a	> 200	> 200	> 200	> 200	✓	1.42	n/a	n/a	N/A	
3	Spare																												
4	Spare																												
5	Spare																												
6	Spare																												
	RCD																												
7	Downstairs sockets	A	B	6	2.5	1.5	0.4	60898	B	32	6	30	1.44	n/a	n/a	n/a	0.30	n/a	>200	> 200	> 200	> 200	> 200	✓	0.63	28.1	14.4	✓	
8	Upstairs sockets	A	B	7	2.5	1.5	0.4	60898	B	32	6	30	1.44	0.21	0.20	0.33	0.11	n/a	>200	> 200	> 200	> 200	> 200	✓	0.44	28.1	14.4	✓	
9	Kitchen sockets	A	B	6	2.5	1.5	0.4	60898	B	32	6	30	1.44	0.27	0.30	0.45	0.23	n/a	>200	> 200	> 200	> 200	> 200	✓	0.56	28.1	14.4	✓	
10	Panel heater	A	B	1	2.5	1.5	0.4	60898	B	16	6	30	2.87	n/a	n/a	n/a	0.06	n/a	>200	> 200	> 200	> 200	> 200	✓	0.39	28.1	14.4	✓	
11	Lights upstairs	A	B	7	1.5	1.0	0.4	60898	B	6	6	30	7.28	n/a	n/a	n/a	0.89	n/a	>200	>200	>200	>200	>200	✓	1.05	28.1	14.4	✓	

17 TEST INSTRUMENTS		Multi-functional:	fluke 1654b	Insulation resistance:	fluke 1654b	Continuity:	fluke 1654b
		Earth electrode resistance:	n/a	Earth fault loop impedance:	fluke 1654b	RCD:	fluke 1654b

## DOMESTIC 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.