

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT

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

Certificate Reference: **DEICR02165232**

1 DETAILS OF THE CLIENT		2 ADDRESS AND DETAILS OF THE INSTALLATION	
Client:		Installation: Same As Client Address	Estimated age of electrical installation: 20 years
Address:		Address:	Evidence of alterations or additions: YES if yes, estimated age: <5 years
Postcode:		Postcode:	Date of previous inspection: N/A Installation Cert number: N/K
			Records of installation available: NO Records held by: N/K

3 PURPOSE OF THE REPORT	
Purpose for which this report is required:	Safety assessment requested by client.

4 EXTENT OF THE INSTALLATION AND LIMITATIONS OF THE INSPECTION AND TESTING		
Extent of the electrical installation covered by this report:	100% of the installation.	Agreed and operational limitations of the inspection and testing (include reasons and person agreed with): Insulation test on circuits with sensitive electronics and unknown circuits limited to Live & Neutral to Earth only, 10% of accessories removed for inspection. No inspection of loft space or removal of floor boards.
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:	Position:	Signature:	Date:
Report reviewed and authorised for issue by:			
Name:	Position:	Signature:	Date:

6 DETAILS OF THE ELECTRICAL CONTRACTOR	
Trading Title:	Trade Team
Address:	Location
	
Postcode:	ABC 123
Registration Number:	043583
Telephone Number:	091311245 56

7 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.

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

Item No	Description	Comment	Outcome	Further Investigation Required													
4.0 CONSUMER UNIT(S) / DISTRIBUTION BOARD(S) (CONTINUED)																	
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	Pass	No													
5.0 FINAL CIRCUITS																	
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	LIM	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	LIM	No													
5.12 - Provision of additional protection by RCD not exceeding 30mA:																	
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	Pass	No													
5.12.3	For cables concealed in walls or partitions (522.6.102; 522.6.103)	N/A	Pass	No													
5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	LIM	No													
5.14	Band II cables segregated/separated from Band I cables (528.1)	N/A	LIM	No													
5.15	Cables segregated/separated from communications cabling (528.2)	N/A	LIM	No													
5.16	Cables segregated/separated from non-electrical services (528.3)	N/A	LIM	No													
5.17 - Termination of cables at enclosures - indicate extent of sampling in Extent and Limitations of the report (Section 526)																	
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="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <td style="width: 10%;">OUTCOMES</td> <td style="width: 15%;">Acceptable condition</td> <td style="width: 10%;">PASS</td> <td style="width: 15%;">Unacceptable condition</td> <td style="width: 10%;">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
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15 INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100 A SUPPLY

Item No	Description	Comment	Outcome	Further Investigation Required													
6.0 - ISOLATION AND SWITCHING (ISOLATION, SWITCHING OFF FOR MECHANICAL MAINTENANCE, EMERGENCY STOPPING AND FUNCTIONAL SWITCHING)																	
6.1 - In General																	
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													
6.2 - For isolation and switching for mechanical maintenance only																	
6.2.1	Capable of being secured in the OFF position where appropriate (537.2.1.2)	N/A	Pass	N/A													
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													
6.3 For isolation only																	
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													
6.4 For emergency switching/stopping only																	
6.4.1	Readily accessible for operation where danger might occur (537.4.2.5)	N/A	N/A	No													
7.0 CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)																	
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													
7.7 Recessed luminaires (downlighters)																	
7.7.1	Correct type of lamps fitted	N/A	N/A	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	N/A	No													
7.7.3	No signs of overheating to surrounding building fabric (559.5.1)	N/A	N/A	No													
7.7.4	No signs of overheating to conductors / terminations (526.1)	N/A	N/A	No													
8.0 LOCATION(S) CONTAINING A BATH OR SHOWER																	
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	Pass	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	Pass	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													
9.0 OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS																	
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													
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16 SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Designation of consumer unit: **D.B. 1** Location: **Under stairs cupboard** Prospective fault current: **5.8 kA** Type of Wiring **O-Other:** **N/A**

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa			Overcurrent protective devices				RCD	Circuit impedances (Ohms)					Insulation resistance (record lower or lowest value)				RCD Operating times							
					Live	cpc	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating A	Capacity kA		Operating current mA	Maximum Zs permitted by BS7671	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/Line MΩ	Line/Neutral MΩ	Line/nEarth MΩ	Neutral/Earth MΩ	Polarity	Maximum measured Earth fault loop impedance Zs	At In ms	At 5 In ms	Test button operation	
															r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2										
	RCD	---	---	---	---	---	---	61008	N/A	80	---	30	---	---	---	---	---	---	---	---	---	---	---	---	---	35.3	13.8	✓	
	RCD module Covering	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	✓
	RCD Module Covering	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	✓
1	Downstairs sockets	A	C	14	2.5	1.5	0.4	60898	B	32	6	30	1.44	0.37	0.37	0.69	0.21	---	---	> 200	> 200	> 200	✓	0.25	35.3	13.8	✓		
2	Water heater	A	C	1	4	2.5	0.4	60898	B	16	6	30	2.87	---	---	---	0.32	---	---	LIM	> 200	> 200	✓	0.36	35.3	13.8	✓		
3	Upstairs lights	A	C	6	1.5	1.0	0.4	60898	B	6	6	30	7.67	---	---	---	0.75	---	---	LIM	> 200	> 200	✓	0.79	35.3	13.8	✓		
4	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	RCD Module	---	---	---	---	---	---	61008	N/A	63	---	30	---	---	---	---	---	---	---	---	---	---	---	---	---	36.0	14.0	✓	
	RCD module covering	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5	Cooker	A	C	1	6	4	0.4	60898	B	32	6	30	1.44	---	---	---	0.03	---	---	> 200	> 200	> 200	✓	0.07	36.0	14.0	✓		
6	Upstairs House sockets	A	C	5	2.5	1.5	0.4	60898	B	32	6	30	1.44	0.27	0.27	0.93	0.41	---	---	LIM	> 200	> 200	✓	0.45	36.0	14.0	✓		
7	Downstairs lights	A	C	5	1.5	1.0	0.4	60898	B	6	6	30	7.67	---	---	---	0.84	---	---	LIM	> 200	> 200	✓	0.88	36.0	14.0	✓		
8	Spare	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

17 TEST INSTRUMENTS	Multi-functional:	2658027	Insulation resistance:	N/A	Continuity:	N/A
	Earth electrode resistance:	N/A	Earth fault loop impedance:	N/A	RCD:	N/A

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 condition 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 the 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 competent person 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 competent person undertakes the necessary remedial work as a matter of urgency.

Where it has been stated that an observation requires further investigation the inspection has revealed an apparent deficiency which could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated as soon as possible. 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 competent person. 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.