DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT

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

Certificate Reference: 49

1. DETAILS OF THE CLIENT

Client: home from home

Address: 28 butts rd, chisledon, wilts

Postcode:

2. ADDRESS AND DETAILS OF THE INSTALLATION

Installation: communal area

Address: amber ct, stratton, swindon

Postcode: sn12hb

Estimated age of electrical installation: 30 years

Evidence of alterations or additions: yes — if yes, estimated age: unknown years

Date of previous inspection: 12 july 2010 — Installation Cert number: N/A

Records of installation available: N/A — Records held by: agents

3. PURPOSE OF THE REPORT

Purpose for which this report is required: 5 year health and safety inspection

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.

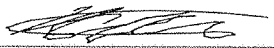
Agreed and operational limitations of the inspection and testing (include reasons and person agreed with): main fuse not inspected as unaccessible by non board staff

The inspection has been carried out in accordance with BS 7671:2008, as amended to 2011. 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: Mike — Position: Manager — Signature:  — Date: 09/09/2015

6. DETAILS OF THE ELECTRICAL CONTRACTOR

Trading Title: Heys

Address: 10 CONWAY RD
CHIPPENHAM
WILTS

Postcode: SN140PP

Registration Number: 032334000 — Telephone Number: 07836534231

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.**

8. OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached Schedule(s) of Inspections and Test Results, and subject to the limitations specified on page 1 of this report under 'Extent of the Installation and Limitations of Inspection and Testing':

N/A There are no items adversely affecting electrical safety **or** ✓ The following observations and recommendations are made

Item No	Observations	Classification Code	Further Investigation Required
5	some fittings are showing signs of becoming brittle from heat but not a safety issue at this time.	C3	

One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:

C1 **Danger Present**
- Risk of injury. Immediate remedial action required

C2 **Potentially dangerous**
- Urgent remedial action required

C3 **Improvement recommended**

Immediate remedial action required for items: N/A

Urgent remedial action required for items: N/A

Improvement recommended for items: 5

Further investigation required for items: N/A

This form is based on the model shown in Appendix 6 of BS 7671:2008 amended 2011.

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:

ok

10. 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 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)

TN-S	N/A
TN-C-S	✓
TT	N/A

Number and Type of Live Conductors

1-phase (2 wire):	✓	1-phase (3 wire):	N/A
3-phase (3 wire):	N/A	3-phase (4 wire):	N/A
Other:	N/A		

Confirmation of supply polarity: ✓

Nature of Supply Parameters

Nominal voltage(s): U:	240 V	Nominal frequency, f:	50 Hz
Uo:	230 V	External earth fault loop impedance, Ze:	0.14 Ω
		Prospective fault current, Ipf:	1.66 kA

Characteristics of Primary Supply Overcurrent Protective Device(s)

BS(EN):	limitation		
Type:			
Rated current:	A	Short-circuit capacity:	kA

12. PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of Earthing

Distributor's facility:	✓
Installation earth electrode:	N/A

Details of Installation Earth Electrode (where applicable)

Type:	N/A	Location:	N/A
Electrode resistance, RA:	N/A Ω	Method of measurement:	N/A

Protective measure(s) against electric shock:	ADS
Maximum Demand (Load):	

Main Switch or Circuit-Breaker

Type BS(EN):	60947-2 MCCB	Voltage rating:	240 V
Number of poles:	2	Rated current, In:	A
Supply conductors material:	Copper	RCD operating current:	N/A mA
Supply conductors csa:	25 mm²	RCD rated time delay:	N/A ms
		RCD operating time:	N/A ms

Earthing and Protective Bonding Conductors

Earthing conductor

Conductor material:	Copper	Conductor csa:	16 mm²	Continuity & connection verified: ✓

Main protective bonding conductors

Conductor material:	N/A	Conductor csa:	mm²	Continuity & connection verified:

Bonding of extraneous-conductive parts

Water service:	Gas service:	Oil service:	Lightning protection:
Structural Steel:	Other incoming service(s):	N/A	

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

Item No	Description	Comment	Outcome	Further Investigation Required
1.0 CONDITION/ADEQUACY OF DISTRIBUTOR'S/SUPPLY INTAKE EQUIPMENT				
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		No
2.0	**PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWITCHED ALTERNATIVE SOURCES (551.6; 551.7)**	N/A		No
3.0 EARTHING / BONDING ARRANGEMENTS (411.3; Chapter 54)				
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		No
3.3	Provision of earthing/bonding labels at all appropriate locations (514.11)	N/A		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		No
3.6	Confirmation of main protective bonding conductor sizes (544.1)	N/A		No
3.7	Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)	N/A		No
4.0 CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)				
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		No
4.13	Presence of other required labelling (please specify) (Section 514)	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

OUTCOMES Acceptable condition **PASS** | Unacceptable condition **C1 or C2** | Improvement recommended **C3** | Not verified **N/V** | Limitation **LIM** | Not applicable **N/A**

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	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		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	Pass	No
5.14	Band II cables segregated/separated from Band I cables (528.1)	N/A		No
5.15	Cables segregated/separated from communications cabling (528.2)	N/A		No
5.16	Cables segregated/separated from non-electrical services (528.3)	N/A	Pass	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

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
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		No
6.2.2	Acceptable location - state if local or remote from equipment being controlled where appropriate (537.2.1.5)	N/A		No
6.2.3	Clearly identified by position and/or durable marking(s) (537.2.2.6)	N/A		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		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		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		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		No
7.7.3	No signs of overheating to surrounding building fabric (559.5.1)	N/A		No
7.7.4	No signs of overheating to conductors / terminations (526.1)	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		No
8.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)	N/A		No
8.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	N/A		No
8.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2008 (701.415.2)	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		No
8.6	Suitability of equipment for external influences from installed location in terms of IP rating (701.512.2)	N/A		No
8.7	Suitability of equipment for installation in a particular zone (701.512.3)	N/A		No
8.8	Suitability of current-using equipment for particular position within the location (701.55)	N/A		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		No
9.2	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: cupboard by front door Prospective fault current: 1.66 kA Type of Wiring O-Other: N/A

Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Circuit conductors: csa Live mm²	Circuit conductors: csa cpc mm²	Max disconnect time permitted by BS7671 s	Overcurrent protective devices BS(EN)	Type No	Rating A	Capacity kA	RCD Operating current mA	Maximum Zs permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r1 (Line)	rn (Neutral)	r2 (cpc)	All circuits (one column to be completed) R1+R2	R2	Insulation resistance (record lower or lowest value) Line/Line MΩ	Line/Neutral MΩ	Line/Earth MΩ	Neutral/Earth MΩ	Polarity ✓	Maximum measured earth fault loop impedance Zs Ω	RCD Operating times At In ms	At 5 In ms	Test button Operation ✓
1	Spare																										
2	TV Amp	A	C	1	2.5	1.0	0.4	60898	B	16	6	30	2.87				0.18			> 200	> 200	> 200	✓	0.32	43.8	20.4	✓
3	Lights Outside	A	C	1	1.0	0.5	0.4	60898	B	6	6	N/A	7.67				0.70			> 200	> 200	> 200	✓	0.84			✓
4	Lights	A	C		1.0	0.5	0.4	60898	B	6	6	N/A	7.67				1.42			> 200	> 200	> 200	✓	1.56			✓
5	Spare																										
6	Spare																										
7	lights ground floor	A	C		1.0	0.5	0.4	60898	B	6	6	30	7.67				0.39			> 200	> 200	> 200	✓	0.53	44.4	10.9	✓
8	door entry system	A	C		1.0	0.5	0.4	60898	B	6	6	N/A	7.67				0.09			> 200	> 200	> 200	✓	0.25			
9	Spare																										
10	Spare																										

17. TEST INSTRUMENTS

Multi-functional: MFT1720 Insulation resistance: Continuity:

Earth electrode resistance: Earth fault loop impedance: RCD:

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.