

ELECTRICAL INSTALLATION CONDITION REPORT - DOMESTIC

Up to 100A Supply

REPORT NUMBER

EICR

ST198CHL-E

DETAILS OF CLIENT / PERSON ORDERING REPORT

Client Address LANDLORD
Postcode Tel

DETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT

Occupier Address TENANT/OCCUPIER
198 CHADWELL HEATH LANE
ROMFORD
Postcode RM6 4YU Tel

Estimated age of the wiring system 15+ years
Evidence of alterations or additions: No If yes, estimated age: N/A years
Date of last inspection N/A Installation records available? (Regulation 651.1) No

EXTENT OF THE INSTALLATION AND LIMITATIONS OF THE INSPECTION AND TESTING

Extent of the electrical installation covered by this report: See notes below
WHOLE INSTALLATION EXCEPT PAT TEST, FIRE ALARM, CENTRAL HEATING, WIRING AND CONTROLS.
Agreed limitations, if any, on the inspection and testing NONE.
Agreed with STAR ELECTRIC AND HEATING SERVICES

REASON FOR PRODUCING THIS REPORT

Reason (Regulation 653.2) OWNER REQUEST TO ASSESS THE CONDITION OF THE INSTALLATION IN RELATION TO CURRENT STANDARD
Date(s) on which the inspection and testing was carried out 10/12/2019

DETAILS OF THE ELECTRICAL CONTRACTOR

Trading Title: STAR ELECTRIC AND HEATING SERVICES
Address 451 HIGH STREET NORTH
EAST HAM
LONDON
REG. No. 38266
Postcode E12 6TJ
Tel Number 020 8586 0202

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 above, having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations and the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations of the inspection and testing.

I/We further declare that in my/our judgement, the said installation was overall in a satisfactory condition at the time the inspection was carried out, and that it should be further inspected as recommended on page 6.

Inspected and tested by:

Name: MR TALIB HUSSAIN

Signature: T. HUSSAIN

Position: QUALIFIED SUPERVISOR

Date: 10/12/2019

Report authorised for issue by:

Name: MR TALIB HUSSAIN

Signature: T. HUSSAIN

Date: 10/12/2019

SCHEDULES

1 Schedule(s) of inspection and 1 schedule(s) of test results attached. The attached schedule(s) are part of this document and this report is valid only when they are attached to it.

Notes: (1) This inspection and testing detailed in this report and accompanying schedules have been carried out in accordance with BS 7671: 2018 (IET Wiring Regulations), as amended to .
(2) It should be noted that cables concealed within trunking and conduits, under floors, in roof spaces and generally within the fabric of the building or underground have not been visually inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment.

Original This form is based on the model shown in Appendix 6 of BS7671: 2018 © Hollycroft Software Ltd 2019 www.hollycroftsoftware.co.uk

SUMMARY OF THE INSPECTION

REPORT NUMBER
EICR ST198CHL-E

General condition of the installation (in terms of electrical safety)

GOOD CONDITION

NEXT INSPECTION

Also refer to Observations and recommendations for actions to be taken on page 6.

Subject to the necessary remedial works being completed,

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

3 years

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

Additional observation pages

Page no(s) -

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing Arrangements	Number and Type of Live Conductors				Nature of Supply Parameters					Supply Protective Device			
TN-C-S	1-phase, 2-wire	✓	2 phase, 3-wire	-	Nominal voltages, $U/U_o^{(1)}$	230	V	Nominal Frequency $^{(1)}$	50	Hz	BS (EN)	60898	
	3 phase, 3-wire	-	3 phase, 4-wire	-	Prospective fault current, $I_{pf}^{(2)}$ **	1.44	kA	External earth fault loop impedance, $Z_e^{(2)}$ **	0.21	Ω	Type	B	
	(as detailed on attached Inspection Schedule)		Other	-	Confirmation of supply polarity	✓		Other sources of supply (As detailed on attached schedule)	Page No:	-	Rated current	100	A
	Other (Details)		-		(Note $^{(1)}$ by enquiry, $^{(2)}$ by enquiry or by measurement)								

PARTICULARS OF THE INSTALLATION REFERRED TO IN THIS REPORT

										Main Switch / Switch-Fuse / Circuit-breaker RCD			
Mean of Earthing	Details of Installation Earth Electrode (Where applicable)									Type BS(EN)	60898	Voltage rating	230 V
Distributor's Facility	✓	Type (e.g rods, tape etc)	N/A	Location	-					No of poles	1	Current rating	100 A
Installation earth electrode	-	Electrode resistance to earth R_A	N/A	Ω		Location	UNDERSTAIRS					Fuse/device rating or setting	100 A
Main protective conductors					Main Protective Bonding Connections					If RCD Main Switch:		Rated residual operating current $I_{\Delta n}$	N/A mA
Earthing Conductor	Material	Copper	csa	16 mm ²	Connection / continuity verified	✓	Water installation pipes	✓	Oil installation pipes	-		Rated time delay	N/A ms
Main protective bonding conductors	Material	Copper	csa	10 mm ²	Connection / continuity verified	✓	Gas installation pipes	✓	Structural steel	-		Measured operating time	N/A ms
							Lightning Protection	-	Other incoming service(s)	State Details	-		

Notes: * The proposed date for the next inspection should take into consideration the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended life. The period should be agreed between relevant parties.

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

REPORT NUMBER

EICR ST198CHL-E

Reference No

Location

UNDERSTAIRS

Details of circuits and/or installed equipment
vulnerable to damage when testing

N/A

 Z_s at DB

0.21

 Ω

Inf

1.44

kA

Correct supply polarity confirmed

✓

Phase sequence confirmed (where appropriate)

✓

TEST RESULTS

* Where the maximum permitted earth fault loop impedance value stated in Max disconnection time permitted by BS7671 column is not taken from BS 7671, state the source of the data in the appropriate cell in the "Remarks" column

Codes for
Type of Wiring

A- Thermoplastic insulated/
sheathed cables

B - Thermoplastic cables in metallic conduit

C - Thermoplastic cables in non-metallic conduit

D - Thermoplastic cables in metallic trunking

E - Thermoplastic cables in non-metallic trunking

F- Thermoplastic/
SWA cables

G- Thermosetting/SV
cables

WA	H - Mineral insulated cables
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O - Other Details
(please state)

TEST INSTRUMENTS	(Serial Numbers)
1. TEST INSTRUMENTS	(Serial Numbers)

Insulation resistance

MEGGER 1553

Continuity

MEGGER 1553

Earth fault loop impedance

MEGGER 1553

Multi-functional

Earth electrode resistance

MEGGER 1553

RCD

MEGGER 1553

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

REPORT NUMBER

EICR ST198CHL-E

OUTCOMES Acceptable Condition **✓** Unacceptable condition **State C1 or C2** Improvement recommended **State C3** Further investigation **FI** Not Verified **NV** Limitation **LIM** Not Applicable **N/A**

ITEM NO	DESCRIPTION	OUTCOME (See key above)	LOCATION REFERENCE	ITEM NO	DESCRIPTION	OUTCOME (See key above)	LOCATION REFERENCE
1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)			4.4	Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)	✓	N/A
1.1	Service cable	✓	N/A	4.5	Enclosure not damaged/deteriorated so as to impair safety (651.2)	✓	N/A
1.2	Service head	✓	N/A	4.6	Presence of main switch (as required by 462.1.201)	✓	N/A
1.3	Earthing arrangement	✓	N/A	4.7	Operation of main switch (functional check) (643.10)	✓	N/A
1.4	Meter tails	✓	N/A	4.8	Manual operation of circuit breakers and RCDs to prove disconnection (643.10)	N/A	N/A
1.5	Metering equipment	✓	N/A	4.9	Correct identification of circuit details and protective devices (514.8.1, 514.9.1)	✓	N/A
1.6	Isolator (where present)	✓	N/A	4.10	Presence of RCD 6 monthly test notice at or near consumer unit/distribution board (514.12.2)	N/A	N/A
2.0	PRESENCE OF PARALLEL OR SWITCHED ALTERNATIVE SOURCES OF SUPPLY (551.6; 551.7)			4.11	Presence of non-standard (mixed) cable colour warning notice at or near the consumer unit/distribution board (514.14)	N/A	N/A
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	N/A	N/A	4.12	Presence of alternative supply warning notice at or near the consumer unit/distribution board (514.15)	N/A	N/A
2.2	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A	N/A	4.13	Presence of other required labelling – (please specify) (Section 514)	N/A	N/A
3.0	EARTHING AND BONDING ARRANGEMENTS (411.3; CHAPTER 54)			4.14	Compatibility of protective devices, bases and other components; 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
3.1	Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2)	✓	N/A	4.15	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	✓	N/A
3.2	Presence and condition of earth electrode connection where applicable (542.1.2.3)	N/A	N/A	4.16	Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.5; 522.8.11)	✓	N/A
3.3	Provision of earthing / bonding labels at all appropriate locations (514.13.1)	✓	N/A	4.17	Protection against electromagnetic effects where cables enter consumer unit/distribution board enclosures (521.5.1)	✓	N/A
3.4	Adequacy of earthing conductor size (542.3; 543.1.1)	✓	N/A	4.18	RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)	✓	N/A
3.5	Accessibility and condition of earthing conductor at main earthing terminal (MET) (543.3.2)	✓	N/A	4.19	RCD(s) provided for additional protection/requirements, where required - includes RCBOs (411.3.3; 415.1)	✓	N/A
3.6	Confirmation of main protective bonding conductor sizes (544.1)	✓	N/A	4.20	Confirmation of indication that SPD is functional (651.4)	N/A	N/A
3.7	Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)	✓	N/A	4.21	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	✓	N/A
3.8	Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2)	✓	N/A	5.0	FINAL CIRCUITS		
4.0	CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)			5.1	Identification of conductors (514.3.1)	✓	N/A
4.1	Adequacy of working space / accessibility to the consumer unit/distribution board (132.12; 513.1)	✓	N/A	5.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	✓	N/A
4.2	Security of fixing (134.1.1)	N/A	N/A				
4.3	Condition of enclosure(s) in terms of IP rating etc (416.2)	✓	N/A				

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

REPORT NUMBER

EICR ST198CHL-E

OUTCOMES

Acceptable Condition ✓

Unacceptable condition **State C1 or C2**

Improvement recommended **State C3**

Further investigation **FI**

Not Verified **NV**

Limitation **LIM**

Not Applicable **N/A**

ITEM NO	DESCRIPTION	OUTCOME (See key above)	LOCATION REFERENCE	ITEM NO	DESCRIPTION	OUTCOME (See key above)	LOCATION REFERENCE
5.3	Condition of insulation of live parts (416.1)	✓	N/A	5.18	Termination of cables at enclosures – Indicate extent of sampling in see Page 1 of the report (Section 526)		
5.4	Non-sheathed cables protected by enclosure in conduit, trunking or ducting (521.10.1)	✓	N/A	5.18a	• connections soundly made and under no undue strain (526.6)	✓	N/A
5.4a	• To include the integrity of conduit and trunking systems (metallic and plastic)	✓	N/A	5.18b	• no basic insulation of a conductor visible outside of the enclosure (526.8)	✓	N/A
5.5	Adequacy of cables for current carrying capacity with regard for the type and nature of the installation (Section 523)	✓	N/A	5.18c	• adequately connected at point of entry to enclosure (glands, bushes, etc) (522.8.5)	✓	N/A
5.6	Coordination between conductors and overload protective devices (433.1; 533.2.1)	✓	N/A	5.18d	• connections of live conductors adequately enclosed (526.5)	✓	N/A
5.7	Adequacy of protective devices, type and rated current for fault protection (411.3)	✓	N/A	5.19	Suitability of circuit accessories for external influences (512.2)	✓	N/A
5.8	Presence and adequacy of circuit protective conductors (411.3.1.1; Section 543)	✓	N/A	5.20	Adequacy of working space/accessibility to equipment (132.12; 513.1)	✓	N/A
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	✓	N/A	5.21	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)	✓	N/A
5.10	Concealed cables installed in prescribed zones - see Extent and Limitations on Page 1 of this report (522.6.202)	✓	N/A	6.0 LOCATION(S) CONTAINING A BATH OR SHOWER			
5.11	Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (see page 1 of this report (extent and limitations) (522.6.204)	N/A	N/A	6.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3)	N/A	N/A
5.12	Provision of additional requirements for protection by RCD note exceeding 30mA:			6.2	Where used as a protective measure; requirements for SELV or PELV have been met (701.414.4.5)	N/A	N/A
5.12a	• * for all socket outlets of a rating of 32 A or less unless an exception is permitted (411.3.3)	N/A	N/A	6.3	Shaver sockets comply with BS EN 61558-2-5 formally BS 3535 (701.512.3)	N/A	N/A
5.12b	• * for supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)	✓	N/A	6.4	Presence of supplementary bonding conductors unless not required by BS 7671:2018 (701.415.2)	N/A	N/A
5.12c	• * for cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)	N/A	N/A	6.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3 m from zone 1 (701.512.3)	N/A	N/A
5.12d	• * for cables concealed in walls / partitions containing metal parts regardless of depth (522.6.203)	N/A	N/A	6.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	N/A	N/A
5.12e	• * for final circuits supplying luminaires with domestic (household) premises (411.3.4)	N/A	N/A	6.7	Suitability of accessories and control gear etc, for a particular zone (701.512.3)	N/A	N/A
* Note: Older installations designed prior to BS 7671: 2018 may not have been provided with RCDs for additional protection.				6.8	Suitability of current using equipment for a particular position within the location (701.55)	N/A	N/A
5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	N/A	7.0 OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS			
5.14	Band II cables segregated or separated from Band 1 cables (528.1)	N/A	N/A	List all other special installations or locations present; if any. (Record separately the results of particular inspections applied.)			
5.15	Cables segregated or separated from communications cabling (528.2)	✓	N/A	N/A	N/A	N/A	N/A
5.16	Cables segregated or separated from non-electrical services (528.3)	N/A	N/A	N/A	N/A	N/A	N/A
5.17	Condition of accessories including socket-outlets, switches and joint boxes (651.2(v))	✓	N/A	Inspected by : NAME MR TALIB HUSSAIN			
				Signature: T.HUSSAIN			
				Date: 10/12/2019			

[illegible]

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 action required C2 - Potentially dangerous – urgent remedial action required C3 - Improvement recommended FI- Further Investigation

GUIDANCE FOR RECIPIENTS

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

This Report form is for reporting on the condition of an existing electrical installation.

1. The purpose of this Condition Report is to confirm; so far as reasonably practicable; whether or not the electrical installation is in a satisfactory condition for continued service (see Section E). The report should identify any damage; deterioration; defects and/or conditions which may give rise to danger (see Section K).
2. The person ordering the Report should have received the 'original' Report and the inspector should have retained a duplicate.
3. 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.
4. Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that they should be tested every six months. **For safety reasons it is important that these instructions are followed.**
5. Section D (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.
6. 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 D.
7. For items classified in Section K as C1 ("Danger Present"); **the safety of those using the installation is at risk**, and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work immediately.
8. For items classified in Section K as C2 ("Potentially Dangerous"); **the safety of those using the installation may be at risk** and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.
9. Where it has been stated in Section K that an observation requires further investigation (Code FI), the inspection has revealed an apparent deficiency which may result in a code C1 or C2, and could not; due to the extent or limitations of this 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 F).
10. For safety reasons; the electrical installation should be re-inspected at appropriate intervals by a skilled person or person(s), competent in such work. The recommended date by which the next inspection is due is stated in Section F of the Report under 'Recommendations' and on a label near to the consumer unit or distribution board.

DISTRIBUTION BOARD CHART REFERENCE

[illegible]

CODES FOR TYPE OF WIRING	
1	Wiring in conduit
2	Wiring in raceway
3	Wiring in cable
4	Wiring in cable tray
5	Wiring in open raceway
6	Wiring in open raceway
7	Wiring in open raceway
8	Wiring in open raceway
9	Wiring in open raceway
10	Wiring in open raceway
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A	B	C	D	E	F	G	H	O (Other – please state)	
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non- metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic/ SWA cables	Thermosetting/SWA cables	Mineral insulated cables		

Name of contractor : TALIB HUSSAIN

Address of contractor: 451 High Street North, London, E12 6TJ

Enrolment number