

ELECTRICAL INSTALLATION CONDITION REPORT

Acknowledgement: this certificate is based on the model in appendix 6 of BS 7671: 2018

Certificate No.

FLAT 4 CORRESMORLE

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CLIENT DETAILS		INSTALLATION ADDRESS	
PAUL HOUSES		FLAT 4	
90 PAGET STREET		1 CORRESMORLE	
LOUDHABOUGH		LENTON	
Postcode LL11 5DT		Postcode NG7 1DG	

PURPOSE FOR WHICH THIS REPORT IS REQUIRED

ELECTRICAL INSTALLATION CONDITION REPORT EXAM

Date(s) on which inspection and testing was carried out:

DESCRIPTION OF PREMISES

Domestic Commercial Industrial Other (include description) _____

Estimated age of the wiring system: Years 10+

Evidence of Alterations / Additions: Yes No Not apparent If 'Yes' estimate age in years _____

Date of last inspection: June '15 Records available: Yes No

Extent of electrical installation covered by this report

Agreed Limitations (See Reg 553.2)

USUAL INSPECTIONS OF DISTRIBUTORS	NO DISMANTLING OF FITTED FURNITURE
EQUIPMENT, FULL INSPECTIONS & TEST OF	NO FLOOR BOARDS REMOVED
CONSUMER UNIT & ALL FINAL CIRCUITS	Agreed with Paul Houses
	Operational limitations none

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 inspected unless specifically agreed between the client and the inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment. 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:

SUMMARY OF THE CONDITION OF THE INSTALLATION

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

Installation is satisfactory

Overall assessment of the installation in terms of its suitability for continued use: Satisfactory Unsatisfactory*

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

RECOMMENDATIONS & NEXT INSPECTION

Where the overall assessment of the suitability of the installation for continued use above is stated as UNSATISFACTORY, I/we recommend that any observations classified as 'Danger present' (code C1) or 'Potentially dangerous' (code C2) are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as 'further investigation required' (code FI). Observations classified as 'improvement recommended' (code C3) should be given due consideration.

Subject to the necessary remedial action being taken, I/we recommend that this installation is further inspected and tested by 03-07-25 (Date)

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 and limitations of this report.

Inspected and tested by:		Report authorised for issue by:	
Name: G. CLAYTON	Date: 03-07-2020	Name: G. CLAYTON	Date: 03-07-2020
Signature:		Signature:	
For/on behalf of: G. CLAYTON ELECTRICAL LTD		For/on behalf of: G. CLAYTON ELECTRICAL LTD	
Position: ELECTRICIAN		Position: ELECTRICIAN	
Address: 90 SHELWOLD ROAD, RADCLIFFE-ON-TRENT, NG12 1AW		Address: 90 SHELWOLD ROAD, RADCLIFFE-ON-TRENT, NG12 1AW	
CP Scheme: ELLCSA	N/A <input type="checkbox"/>	Membership No: 20348	

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SUPPLY CHARACTERISTICS & EARTHING ARRANGEMENTS

Earthing Arrangements		Number of Live Conductors			Nature of Supply Parameters	
TN-C	TN-S	Phase	Wire	AC <input checked="" type="checkbox"/>	DC <input type="checkbox"/>	Nominal Voltage U/U_0 : 230 V
TN-C-S	TT	Other				Nominal Frequency f : 50 Hz
IT		Confirmation of supply polarity				Prospective fault current i_p : 10 kA
Supply Protective Device Characteristics						External loop impedance Z_e : 0.02 Ω
Type: 1361	Nominal current rating: 60 A					* by enquiry / by enquiry or by measurement
Other sources of supply (as detailed on attached schedule): <input type="checkbox"/>						

PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT

Means of Earthing	Details of Installation Earth Electrode (where applicable)
Distributor's facility: <input checked="" type="checkbox"/>	Type (eg. rod(s) tape etc): N/A
Installation earth electrode: <input checked="" type="checkbox"/>	Electrode resistance to Earth: N/A Ω
	Location: N/A

Main Protective Conductors

Earthing conductor:	Material: Copper	CSA: 16 mm ²	Continuity and connection verified: <input checked="" type="checkbox"/>
Main protective bonding conductors (to extraneous conductors parts):	Material: Copper	CSA: 10 mm ²	Continuity and connection verified: <input checked="" type="checkbox"/>
To water installation pipes: <input checked="" type="checkbox"/>	To gas installation pipes: <input type="checkbox"/>	To oil installation pipes: <input type="checkbox"/>	To structural steel: <input type="checkbox"/>
To lightning protection: <input type="checkbox"/>	To other: <input type="checkbox"/> Specify:		

Main Switch / Switch - Fuse / Circuit-Breaker / RCD

BS Type: 6100A	No. of poles: 2	Voltage rating: 230 V
Location: CONSUMER UNIT	Current rating: 60 A	Fuse / device rating or setting: N/A A
If RCD main switch: Rated residual operating current $I_{\Delta n}$ = 30 mA		
Rated time delay: N/A ms		Measured operating time: 28.1 ms

OBSERVATIONS

Referring to the attached schedules of inspection and test results, and subject to the limitations specified at the **Extent and limitations of inspection and testing** section. No remedial action is required The following observations are made: See below

OBSERVATIONS (include schedule reference as appropriate)	CLASSIFICATION CODE
CONSUMER UNIT NOT WIRE LINKED TO BS7671	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. **F1** - Further investigation required without delay.

Schedules

The attached Schedules are part of this document and this Certificate is valid only when they are attached to it.

No. of Inspection Schedules attached: 3	No. of Test Result Schedules attached: 1
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FEAT 4 COTTESMORE

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OUTCOMES	Acceptable condition	✓	Unacceptable condition	State C1 or C2	Improvement recommended	State C3	Further Investigation	FI	Not verified	N/V	Limitation	LIM	Not applicable	N/A
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Item	Description	Outcome
<small>Use codes above. Provide additional comment where appropriate. C1, C2, C3 & FI coded items to be recorded under observations in the Condition Report</small>		
1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)	
1.1	Condition of service cable	✓
1.2	Condition of service head	✓
1.3	Condition of earthing arrangement	✓
1.4	Condition of meter tails	✓
1.5	Condition of metering equipment	✓
1.6	Condition of isolator (where present)	✓
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR OTHER SOURCES SUCH AS MICROGENERATORS (551.6; 551.7)	
3.0	EARTHING / BONDING ARRANGEMENTS (411.3; Chap 54)	
3.1	Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2)	✓
3.2	Presence and condition of earth electrode connection where applicable (542.1.2.3)	N/A
3.3	Provision of earthing / bonding labels at all appropriate locations (514.13.1)	✓
3.4	Confirmation of earthing conductor size (542.3; 543.1.1)	✓
3.5	Accessibility and condition of earthing conductor at MET (543.3.2)	✓
3.6	Confirmation of main protective bonding conductor sizes (544.1)	✓
3.7	Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)	✓
3.8	Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2)	✓
4.0	CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)	
4.1	Adequacy of working space / accessibility to consumer unit / distribution board (132.12; 513.1)	✓
4.2	Security of fixing (134.1.1)	✓
4.3	Condition of enclosure(s) in terms of IP rating etc (416.2)	✓
4.4	Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)	C3
4.5	Enclosure not damaged/deteriorated so as to impair safety (551.2)	✓
4.6	Presence of main linked switch (as required by 462.1.201)	✓
4.7	Operation of main switch (functional check) (643.10)	✓
4.8	Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)	✓
4.9	Correct identification of circuit details and protective devices (514.8.1; 514.9.1)	✓
4.10	Presence of RCD six-monthly test notice at or near consumer unit / distribution board (514.12.2)	✓
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit / distribution board (514.14)	N/A
4.12	Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)	N/A
4.13	Presence of other required labelling (please specify) (Section 514)	N/A
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; 411.5; 411.6; Sections 432; 433)	✓
4.15	Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)	✓
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)	✓

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OUTCOMES	Acceptable condition	✓	Unacceptable condition	State C1 or C2	Improvement recommended	State C3	Further Investigation	FI	Not verified	N/V	Limitation	LIM	Not applicable	N/A
Item	Description	Outcome Use codes above. Provide additional comment where appropriate. C1, C2, C3 & FI codes items to be recorded under observations in the Condition Report												
5.0 FINAL CIRCUITS - continued														
5.19	Suitability of accessories for external influences (512.2)												✓	
5.20	Adequacy of working space / accessibility to equipment (1.32.12; 513.1)												✓	
5.21	Single-pole switching or protective devices in live conductors only (132.14.1, 530.3.3)												✓	
6.0 LOCATION(S) CONTAINING A BATH OR SHOWER														
6.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA (701.411.3.3)												✓	
6.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)												N/A	
6.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)												N/A	
6.4	Presence of supplementary bonding conductors, unless not required by BS 7671: 2018 (701.415.2)												N/A	
6.5	Low voltage (e.g. 230 volt) socket outlets sited at least 3 m from zone 1 (701.512.3)												✓	
6.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)												✓	
6.7	Suitability of accessories and control gear etc for a particular zone (701.512.3)												✓	
6.8	Suitability of current-using equipment for particular position within the location (701.55)												✓	
7.0 OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS														
7.1	List all other special installations or locations present, if any. (Record separately the results of particular inspections applied.)													N/A

GUIDANCE FOR RECIPIENTS

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 a satisfactory condition for continued service (see SUMMARY OF THE CONDITION OF THE INSTALLATION). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger (see OBSERVATIONS).
- 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 six monthly. For safety reasons it is important that this instruction is followed.
- The section titled 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 EXTENT AND LIMITATIONS.
- For items classified in 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 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 in OBSERVATIONS 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 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 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 in the Report under RECOMMENDATIONS and on a label at or near to the consumer unit/distribution board.

Inspected by:

Name (initial) D LAYTON

Signature

Date 05-07-2020

SCHEDULE OF TEST RESULTS

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FEAR 4 COMESMORE

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DB reference no. (D01)		Details of circuits and/or installed equipment vulnerable to damage when testing										Details of test instruments used (state serial and/or asset numbers)														
Location																										
Zs at DB (Ω)	ip at DB (kA)																									
0.02	10																									
Correct supply polarity confirmed																										
Phase sequence confirmed (where appropriate)																										
Tested by: Name: O. CATTON		Date: 03-07-2020										Earth electrode res. N/A														
Signature: [Signature]		Circuit Details										Test Results														
Circuit number	Circuit Description	Protective Device						Conductivity Details				Ring Final Circuit Continuity (Ω)		Continuity (Ω) (R1+R2) of R2		V	Insulation Resistance (MΩ)		Zs (Ω)	Polarity	RCD test button time (ms)	RCD test button operation	AFCD test button operation	Remarks / Observations No (See separate sheet (TC2))		
		BS ENI	Type	Rating (A)	Breaking Capacity (kA)	RCD IΔn (mA)	Ref. Method	Live (mΩ)	CP (mΩ)	R1 (Ω)	R2 (Ω)	Line-Neutral	Line-Earth	Line-Resistance Test Voltage	Live-Line		Live-Earth	Maximum measured							✓ or ✗	
1	Halls	60898	B	32	6	30	B	6.025								0.08	250	250	250	0.11	✓	30.3	✓			
2	Kitchen Sockets	60898	B	32	6	30	B	2.5	1.5	0.23	0.76	0.47	0.17			250	250	250	0.22	✓	30.3	✓				
3	Lounge Bedroom Sockets	60898	B	32	6	30	B	2.5	1.5	0.45	0.46	0.60	0.30			250	250	250	0.37	✓	30.3	✓				
4	Focal Fire	60898	B	16	6	30	B	2.5	1.5				0.26			250	250	250	0.29	✓	30.3	✓				
5	WATER HEATER	60898	B	16	6	30	B	2.5	1.5				0.03			250	250	250	0.08	✓	30.3	✓				
6	Bedroom 2, Lounge Heaters	60898	B	16	6	30	B	2.5	1.5				0.40			250	250	250	0.53	✓	30.3	✓				
7	Bedroom 1, Kitchen Heaters	60898	B	16	6	30	B	2.5	1.5				0.44			250	250	250	0.55	✓	30.3	✓				
8	Towel Rail	60898	B	6	6	30	B	1.5	1.0				0.30			250	250	250	0.22	✓	30.3	✓				
9	SPARE																									
10	SPARE																									
11	Lounge, Kitchen Lights	60898	B	6	6	30	B	1.5	1.0				0.44			250	250	250	0.46	✓	30.3	✓				
12	Bedrooms, Bathroom Lights	60898	B	6	6	30	B	1.5	1.0				0.46			250	250	250	0.48	✓	50.3	✓				