Certificate No. 100313

ELECTRICAL INSTALLATION CONDITION REPORT

R.B. Electrical
Enrolment No. D611874

SECTION A. DETAILS OF THE PERSON ORDERING THE REPORT

Client Move Holmes .

Address 21 Caunce Street
Blackpool
FY1 3LA

SECTION B. REASON FOR PRODUCING THIS REPORT

5 yearly inspection

Date(s) on which inspection and testing was carried out: 2021-07-27

SECTION C. DETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT

Occupier Vacant

Address Flat 1, Hillcrest, 177 Hornby Road, Blackpool FY1 4JA

Description of premises (tick as appopriate)

Domestic ✓ **Commercial** **Industrial** **Other**

Estimated age of wiring system 15 **years**

Evidence of additions/alterations Yes **If yes, estimate age** 0 **years**

Installation records available? (Regulation 651.1): Yes **Date of last inspection** 2021-07-20

SECTION D. EXTENT AND LIMITATIONS OF INSPECTION AND TESTING

Extent of the electrical installation covered by this report

fixed wiring at installation

Agreed limitations including the reasons (see Regulation 653.2)

no plaster or flooring to be removed

Agreed with Landlord

Operational limitations including the reasons - see page no.

The inspection and testing detailed in this report and accompanying schedules have been carried out in accordance with BS 7671:2008 (IET Wiring Regulations) as amended to 18th Edition 2018

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 client and inspector prior to inspection.

An inspection should be made within accessible roof space housing other electrical equipment.

SECTION E. SUMMARY OF THE CONDITION OF THE INSTALLATION

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

Fair

Overall assessment of the installation in terms of its suitability for continued use SATISFACTORY

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

SECTION F. RECOMMENDATIONS

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 recommendation' (code C3) should be given due consideration.

Subject to the necessary remedial action being taken, I/We recommend that the installation is further inspected and tested by

SECTION G. 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 in Section D of this report.

Inspected and tested by

Name Roger Barlow
For/on behalf R.B. Electrical
Position Electrician
Address 17 Goldstone Drive, Thornton, FY5 3QF
Date 2021-07-27
Signature Rs Barlow

Report authorised for issue by

Name Roger Barlow
For/on behalf R.B. Electrical
Position Qs
Address 17 Goldstone Drive,Thornton. FY5 3QF
Date 2021-07-27
Signature Rs Barlow

SECTION H. SCHEDULES

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

2 **Schedules of Inspections and** 1 **Schedules of Test Results are attached.**

Certificate No. 100313

SECTION I. SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing

TN-C	
TN-S	
TN-C-S	✓
TT	
IT	

Other source of supply (to be detailed on attached schedules)

Number and Type of Live Conductors

AC	✓	DC	
1-Phase, 2-Wire	✓	2-Wire	
2-Phase, 3-Wire		3-Wire	
3-Phase, 3-Wire		Other	
3-Phase, 4-Wire			

Confirmation of supply polarity ✓

Nature of Supply Parameters

Nominal voltage, U/U_0 (1)	230	V
Nominal frequency, f (1)	50	Hz
Prospective fault current, I_{pf} (2)	1.36	kA
External loop impedance, Z_e (2)	0.17	Ω

(Note: (1) by enquiry, (2) by enquiry or measurement)

Supply Protective Device Characteristics

BS(EN)	BS1361	
Type	B	
Rated Current	100	A

SECTION J. PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE

Means of Earthing

Distributor's Facility	Yes
Installation Earth Electrode	

Details of Installation Earth Electrode (where applicable)

Type N/A Location Electrode resistance to earth Ω

Main Protective Conductors

Earthing Conductor:	Material	Copper	CSA 16	mm²	Connection/Continuity Verified	✓
Main Protective Bonding Conductors: (to extraneous conductive parts)	Material	Copper	CSA 10	mm²	Connection/Continuity Verified	✓

To water installation pipes ✓	To gas installation pipes N/A	To oil installation pipes	To structural steel
To lightning protection	To other	Please specify	

Main Switch / Switch-Fuse / Circuit Breaker / RCD

Location	Store Room	Current rating	100	A	If RCD main switch
BS Type	EN60947-3	Fuse / device rating or setting	100	A	Rated residual operating current $I_{\Delta n}$ mA
No. of poles	2	Voltage rating	230	V	Rated time delay ms
					Measure operating time (at $I_{\Delta n}$) ms

SECTION K. 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)**

OBSERVATION(S)	CLASSIFICATION CODE
Plastic Consumer Unit	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.

FI - Further investigation required without delay.

AGREED LIMITATIONS (continued from Page 1)

OPERATIONAL LIMITATIONS (continued from Page 1)

ADDITIONAL RELEVANT INFORMATION

CONDITION REPORT INSPECTION SCHEDULE

Certificate No. 100313

NOTE 1: This form is suitable for many types of smaller installation not exclusively domestic.

NOTE 2: Use codes below. Provide additional comment where appropriate. C1, C2, C3 and FI coded items to be recorded in Section K of the Condition Report.

OUTCOMES	Acceptable condition ✓	Unacceptable condition C1 / C2	Improvement recommendation C3	Further investigation FI	Not verified N/V	Limitation LIM	Not applicable N/A

ITEM NO.	DESCRIPTION	OUTCOME See Note 2	CODE
1.0	**EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)**		
1.1	Service cable		✓
1.2	Service head		✓
1.3	Earthing arrangement		✓
1.4	Meter tails		✓
1.5	Metering equipment		✓
1.6	Isolator (where present)		
2.0	**PRESENCE OF ADEQUATE ARRANGEMENTS FOR OTHER SOURCES SUCH AS MICROGENERATORS (551.6; 551.7)**		N/A
3.0	**EARTHING / BONDING ARRANGEMENTS (411.3; Chapter 54)**		
3.1	Presence and condition of distributor's earthing arrangements (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 all protective bonding connections (543.3.1; 543.3.2)		✓
4.0	**CONSUMER UNIT(S)/DISTRIBUTION BOARDS**		
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)	Plastic consumer unit	C3
4.5	Enclosure not damaged/deteriorated so as to impair safety (651.2)		✓
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)		✓
4.12	Presence of alternative supply warning notice at or near consumer unit / distribution board (514.15)		✓
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		✓
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;		✓
4.17	Protection against electromagnetic effects where cables enter consumer unit / distribution board / enclosures (521.5.1)		✓
4.18	RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)		✓
4.19	RCD(s) provided for additional protection - includes RCBOs (411.3.3; 415.1)		✓
4.20	Confirmation of indication that SPD is functional (534.2.8)		N/A
4.21	Confirmation that ALL conductor connections, including connections to busbars are correctly located in terminals and are tight		✓
4.22	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)		N/A
4.23	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)		N/A

NOTE 1: This form is suitable for many types of smaller installation not exclusively domestic.

NOTE 2: Use codes below. Provide additional comment where appropriate. C1, C2, C3 and FI coded items to be recorded in Section K of the Condition Report.

OUTCOMES	Acceptable condition ✓	Unacceptable condition C1 / C2	Improvement recommendation C3	Further investigation FI	Not verified N/V	Limitation LIM	Not applicable N/A

ITEM NO.	DESCRIPTION	OUTCOME See Note 2	CODE
5.0	**FINAL CIRCUITS**		
5.1	Identification of conductors (514.3.1)		✓
5.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)		LIM
5.3	Condition of insulation of live parts (416.1)		✓
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) To include the integrity of conduit and		✓
5.5	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)		✓
5.6	Coordination between conductors and overload protective devices (433.1; 533.2.1)		✓
5.7	Adequacy of protective devices: type and rated current for fault protection (411.3)		✓
5.8	Presence and adequacy of circuit protective conductors (433.1; Section 543)		✓
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)		✓
5.10	Concealed cables installed in prescribed zones (see Section D. Extent and Limitations) (522.6.202)		N/V
5.11	Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (see Section D. Extent		N/V
5.12	Provision of additional protection by requirements for RCD not exceeding 30mA		
	- for all socket-outlets of rating 32 A or less provided for use by ordinary persons unless an exception is permitted (411.3.3)		✓
	- for the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)		✓
	- for cables concealed in walls at a depth less than 50mm (522.6.202; 522.6.203)		✓
	- for cables concealed in walls / partitions containing metal parts regardless of depth (522.6.203)		✓
	- for final circuits supplying luminaires within domestic (household) premises (411.3.4)		✓
5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)		✓
5.14	Band II cables segregated / separated from Band I cables (528.1)		N/V
5.15	Cables segregated / separated from communications cabling (528.2)		N/V
5.16	Cables segregated / separated from non-electrical services (528.3)		N/V
5.17	Termination of cables at enclosures - indicated extent of sampling in Section D of the report (Section 526)		
	- connections soundly made and under no undue strain (526.6)		✓
	- no basic insulation of a conductor visible outside enclosure (526.8)		✓
	- connections of live conductors adequately enclosed (526.5)		✓
	- adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)		✓
5.18	Condition of accessories including socket-outlets, switches and joint boxes (651.2(v))		✓
5.19	Suitability of accessories for external influences (512.2)		✓
5.20	Adequacy of working space / accessibility to equipment (132.12; 513.1)		✓
5.21	Single-pole switching or protection devices in line 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)		✓
6.3	Shaver sockets comply with BS EN 61558-2-5 formally 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 3m 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 equipment for installation in 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

Inspected by R Barlow **Signature** Rs Barlow **Date** 2021-07-27

SCHEDULE OF TEST RESULTS

Certificate No. 100313

DB Reference No.	1	**Details of circuits and/or installed equipment vulnerable to damage when testing**	**Details of test instruments used (state serial and/or asset numbers)**
Location	Store Room		**Continuity** 100810/5049
ZS at DB (Ω)	0.17		**Insulation resistance** 100810/5049
I_{pf} at DB (kA)	1.36		**Earth fault loop impedence** 100810/5049
Correct supply polarity confirmed	✓		**RCD** 100810/5049
Phase sequence confirmed (where appropriate)			**Earth electrode resistance** 100810/5049

Tested by Name (Capitals) ROGER BARLOW

Signature Rs Barlow **Date** 2021-07-27

Circuit Details											Test Results														
		Overcurrent Device						Conductor Details			Ring Final Circuit Continuity Ω			Continuity Ω (R1+R2) or R2		Insulation resistance test voltage	Insulation resistance MΩ		Polarity	Maximum measured ZS (Ω)	RCD		AFDD	Remarks (continue on a separate sheet if necessary)
Circuit Number	Circuit Description	BS(EN)	Type	Rating (A)	Breaking Capacity (kA)	RCD $I_{\Delta n}$ (mA)	Maximum Permitted Zs (Ω*)	Reference Method	Live (mm^2)	CPC (mm^2)	r1 (line)	rn (neutral)	r2 (cpc)	R1 + R2	R2	V	Live - Live	Live - Earth			Disconnection time (ms)	Test button operation	Manual AFDD test button operation	
1	Hall Heater	61009	B	16	6	30	2.18	101	2.5	1.5				0.18		250	200	200	✓	0.35	19	✓		
2	Lounge Heater	61009	B	20	6	30	1.74	101	2.5	1.5				0.35		250	200	200	✓	0.52	18	✓		
3	Lounge Heater	61009	B	16	6	30	2.18	101	2.5	1.5				0.37		250	200	200	✓	0.54	19	✓		
4																								
5	Lights	61009	B	6	6	30	5.82	101	1.5	1				0.69		250	200	200	✓	0.86	20	✓		
6	Lights	61009	B	6	6	30	5.82	101	1.5	1				0.70		250	200	200	✓	0.87	19	✓		
7	Smokes	61009	B	6	6	30	5.82	101	1.5	1				0.46		250	200	200	✓	0.63	19	✓		
8	Immersion	61009	B	16	6	30	2.18	101	2.5	1.5				0.19		250	200	200	✓	0.36	19	✓		
9																								
10	Sockets Flat	60898	B	32	6	30	1.08	101	2.5	1.5	0.46	0.48	1.06	0.36		250	200	200	✓	0.59	25	✓		
11	Sockets Kitchen	60898	B	32	6	30	1.08	101	2.5	1.5	0.40	0.40	0.60	0.28		250	200	200	✓	0.56	25	✓		
12	Cooker	60898	B	32	6	30	1.08	101	6	2.5				0.45		250	200	200	✓	LIM	25	✓		

* Where the maximum permitted earth fault loop impedance value stated in column 8 is taken from a source other than the tabulated values given in Chapter 41 of BS7671, state the source of the data in the appropriate cell for the circuit in the 'Remarks' column of the schedule.

CONDITION REPORT

GUIDANCE FOR RECIPIENTS (to be appended to the certificate)

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

1. The purpose of this 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

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 it should be tested six-
For safety reasons it is important that this instruction is 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

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'), it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work immediately.
The safety of those using the installation is at risk.

8. For items classified in Section K as C2 ('Potentially dangerous'), it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.
The safety of those using the installation may be at risk.

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 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

10. 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 Section F of the Report under 'Recommendations' and on a label at or near to the consumer unit / distribution board.