DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE

Requirements For Electrical Installations - BS 7671 IET Wiring Regulations

Certificate Reference: 10938292

1 DETAILS OF THE CLIENT

Client: Move Holmes Ltd.

Address: 21 Caunce Street, Blackpool, FY1 3LA

2 DETAILS AND EXTENT OF THE INSTALLATION

Installation Address: Flat 1, 2 Arnside View, Knott End-On-Sea, Poulton-Le-Fylde, Lancashire, FY6 0BJ

Extent of the installation covered by this certificate:

REPLACE CONSUMER UNIT WITH NEW SPLIT RCD UNIT.

CABLE SUPPLIES INTO CONSUMER UNIT OMITTING THE HENLEY BLOCKS OF PREVIOUS.

ONLY.

The installation is:	New installation	N/A	Addition to an existing installation	N/A	Alteration to an existing installation	✔

3 COMMENTS ON EXISTING INSTALLATION

Comments on existing installation (In the case of an addition or alteration see Regulation 644.1.2):

GOOD CONDITION

4 NEXT INSPECTION

I RECOMMEND that this installation is further inspected and tested after an interval of not more than: 5 Years or change of tenant/owner

5 TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	Fluke 4136051	Earth electrode resistance:	N/A
Insulation resistance:	N/A	Earth fault loop impedance:	N/A
Continuity:	N/A	RCD:	N/A

6 DESIGN, CONSTRUCTION, INSPECTION AND TESTING

I/We being the person(s) responsible for the design, construction, 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 design, construction, inspection and testing, hereby CERTIFY that the design work for which I/we have been reponsible is to the best of my/our knowledge and belief in accordance with BS 7671:2018, amended to 2020 except for the departures, if any, detailed as follows.

Details of departures from BS 7671, as amended (Regulations 120.3, 133.5):

None

Details of permitted exceptions (Regulations 411.3.3): Risk assessment attached N/A

None

The extent of liability of the signatory/signatories is limited to the work described above as the subject of this certificate.

For the DESIGN, the CONSTRUCTION, and the INSPECTION AND TESTING of the installation:

Name: Brad Dugdale Position: Qualified Supervisor Signature: Date: 25/08/2021

7 DETAILS OF THE ELECTRICAL CONTRACTOR

Trading Title: BSR Installations Ltd.

Address: Preston new road
Blackpool

Postcode: FY3 9NE

Registration Number (if applicable): 616910000

Telephone Number: 07871723947

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.

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 5). 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-monthly. For safety reasons it is important that this instruction is followed.
5. 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 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 4.
7. For items classified in Section 7 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 7 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 7 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 Section 6).
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 6 of the Report under 'Recommendations' and on a label at or near to the consumer unit/ distribution board.

8 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing Arrangements

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	Uo: 230 V	
Nominal frequency, f:	50 Hz		
Prospective fault current, Ipf:	0.75 kA		
External earth fault loop impedance, Ze:	0.32 Ω		

Supply Protective Device

BS(EN):	5419
Type:	N/A
Rated current:	60 A
Short-circuit capacity:	N/A kA

9 PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE

Means of Earthing

Distributor's facility: ✔

Installation earth electrode: N/A

Details of Installation Earth Electrode (where applicable)

Type: N/A

Resistance to Earth: N/A Ω

Location: N/A

Method of measurement: N/A

Maximum Demand (Load): 50 Amps

Protective measure(s) against electric shock: ADS

Measured Ze: 0.32 Ω

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

Type BS(EN):	60947-3 Isolator	Current rating:	100 A	Supply conductors material:	Copper
Number of poles:	2	Fuse/device rating or setting:	N/A A	Supply conductors csa:	16 mm²
		Voltage rating:	240 V		

If RCD main switch:

Rated residual operating current (IΔn):	N/A mA
Rated time delay:	N/A ms
Measured operating time (at IΔn):	N/A ms

Earthing and Protective Bonding Conductors

Earthing conductor

Conductor material: Copper csa: 6 mm² Connection/ continuity verified: ✔

Main protective bonding conductors

Conductor material: Copper csa: 10 mm² Connection/ continuity verified: ✔

Bonding of extraneous-conductive parts

To water installation pipes:	✔	To gas installation pipes:	✔
To oil installation pipes:	N/A	To lightning protection:	N/A
To structural steel:	N/A	To other service(s):	N/A

10 INSPECTION SCHEDULE FOR DOMESTIC & SIMILAR PREMISES WITH UP TO 100A SUPPLY

Item No	Description	Outcome
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	**PARALLEL OR SWITCHED ALTERNATIVE SOURCES OF SUPPLY**	
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	N/A
2.2	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A
3.0	**AUTOMATIC DISCONNECTION OF SUPPLY**	
3.1	**Presence and adequacy of earthing and protective bonding arrangements:**	
3.1.1	Distributor's earthing arrangement (542.1.2.1; 542.1.2.2)	✔
3.1.2	Installation earth electrode (where applicable) (542.1.2.3)	N/A
3.1.3	Earthing conductor and connections, including accessibility (542.3; 543.3.2)	✔
3.1.4	Main protective bonding conductors and connections, including accessibility (411.3.1.2; 543.3.2; 544.1)	✔
3.1.5	Provision of safety electrical earthing/bonding labels at all appropriate locations (514.13)	✔
3.1.6	RCD(s) provided for fault protection (411.4.204; 411.5.3)	✔

11 INSPECTION SCHEDULE FOR DOMESTIC & SIMILAR PREMISES WITH UP TO 100A SUPPLY

Item No	Description	Outcome
4.0	**BASIC PROTECTION**	
4.1	**Presence and adequacy of measures to provide basic protection (prevention of contact with live parts) within the installation:**	
4.1.1	Insulation of live parts e.g. conductors completely covered with durable insulating material (416.1)	✔
4.1.2	Barriers or enclosures e.g. correct IP rating (416.2)	✔
5.0	**ADDITIONAL PROTECTION**	
5.1	**Presence and effectiveness of additional protection methods:**	
5.1.1	RCD(s) not exceeding 30mA operating current (415.1; Part 7), see Item 8.14 of this schedule	✔
5.1.2	Supplementary bonding (415.2; Part 7)	✔
6.0	**OTHER METHODS OF PROTECTION**	
6.1	**Presence and effectiveness of methods which give both basic and fault protection:**	
6.1.1	SELV system, including the source and associated circuits (Section 414)	N/A
6.1.2	PELV system, including the source and associated circuits (Section 414)	N/A
6.1.3	Double or reinforced insulation i.e. Class II or equivalent equipment and associated circuits (Section 412)	✔
6.1.4	Electrical separation for one item of equipment e.g. shaver supply unit (Section 413)	N/A
7.0	**CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)**	
7.1	Adequacy of access and working space for items of electrical equipment including switchgear (132.12)	✔
7.2	Components are suitable according to assembly manufacturer's instructions or literature (536.4.203)	✔
7.3	Presence of linked main switch(es) (462.1.201)	✔
7.4	Isolators, for every circuit or group of circuits and all items of equipment (462.2)	✔
7.5	Suitability of enclosure(s) for IP and fire ratings (416.2; 421.1.6; 421.1.201; 526.5)	✔
7.6	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)	✔
7.7	Confirmation that ALL conductor connections are correctly located in terminals and are tight and secure (526.1)	✔
7.8	Avoidance of heating effects where cables enter ferromagnetic enclosures e.g. steel (521.5)	✔
7.9	Selection of correct type and ratings of circuit protective devices for overcurrent and fault protection (411.3.2; 411.4, 411.5, 411.6; Sections 432, 433; 537.3.1.1)	✔
7.10	**Presence of appropriate circuit charts, warning and other notices:**	
7.10.1	Provision of circuit charts/schedules or equivalent forms of information (514.9)	✔
7.10.2	Warning notice of method of isolation where live parts not capable of being isolated by a single device (514.11)	✔
7.10.3	Periodic inspection and testing notice (514.12.1)	✔
7.10.4	RCD six-monthly test notice; where required (514.12.2)	✔
7.10.5	AFDD six-monthly test notice; where required	N/A
7.10.6	Warning notice of non-standard (mixed) colours of conductors present (514.14)	N/A
7.11	Presence of labels to indicate the purpose of switchgear and protective devices (514.1.1; 514.8)	✔
8.0	**CIRCUITS**	
8.1	Adequacy of conductors for current-carrying capacity with regard to type and nature of the installation (Section 523)	✔
8.2	Cable installation methods suitable for the location(s) and external influences (Section 522)	✔
8.3	Segregation/separation of Band I (ELV) and Band II (LV) circuits, and electrical and non-electrical services (528)	N/A
8.4	Cables correctly erected and supported throughout, with protection against abrasion (Sections 521, 522)	✔
8.5	Provision of fire barriers, sealing arrangements where necessary (527.2)	✔

12 INSPECTION SCHEDULE FOR DOMESTIC & SIMILAR PREMISES WITH UP TO 100A SUPPLY

Item No	Description	Outcome
8.6	Non-sheathed cables enclosed throughout in conduit, ducting or trunking (521.10.1; 526.8)	✔
8.7	Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (522.6.201, 522.6.202, 522.6.203; 522.6.204)	✔
8.8	Conductors correctly identified by colour, lettering or numbering (Section 514)	✔
8.9	Presence, adequacy and correct termination of protective conductors (411.3.1.1; 543.1)	✔
8.10	Cables and conductors correctly connected, enclosed and with no undue mechanical strain (Section 526)	✔
8.11	No basic insulation of a conductor visible outside enclosure (526.8)	✔
8.12	Single-pole devices for switching or protection in line conductors only (132.14.1; 530.3.3; 643.6)	✔
8.13	Accessories not damaged, securely fixed, correctly connected, suitable for external influences (134.1.1; 512.2; Section 526)	✔
8.14	**Provision of additional protection/requirements by RCD not exceeding 30mA:**	
8.14.1	Socket-outlets rated at 32A or less, unless exempt (411.3.3)	✔
8.14.2	Supplies for mobile equipment with a current rating not exceeding 32A for use outdoors (411.3.3)	✔
8.14.3	Cables concealed in walls at a depth of less than 50mm (522.6.202; 522.6.203)	✔
8.14.4	Cables concealed in walls/partitions containing metal parts regardless of depth (522.6.202; 522.6.203)	✔
8.14.5	Final circuits supplying luminaires within domestic (household) premises (411.3.4)	✔
8.15	**Presence of appropriate devices for isolation and switching correctly located including:**	
8.15.1	Means of switching off for mechanical maintenance (Section 464; 537.3.2)	✔
8.15.2	Emergency switching (465.1; 537.3.3)	✔
8.15.3	Functional switching, for control of parts of the installation and current-using equipment (463.1; 537.3.1)	✔
8.15.4	Firefighter's switches (537.4)	N/A
9.0	**CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)**	
9.1	Equipment not damaged, securely fixed and suitable for external influences (134.1.1; 416.2; 512.2)	✔
9.2	Provision of overload and/or undervoltage protection e.g. for rotating machines, if required (Sections 445, 552)	✔
9.3	Installed to minimize the build-up of heat and restrict the spread of fire (421.1.4; 559.4.1)	✔
9.4	Adequacy of working space. Accessibility to equipment (132.12; 513.1)	✔
10.0	**LOCATION(S) CONTAINING A BATH OR SHOWER (SECTION 701)**	
10.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3)	✔
10.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)	N/A
10.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	N/A
10.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)	✔
10.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from zone 1 (701.512.3)	✔
10.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	✔
10.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	✔
10.8	Suitability of current-using equipment for particular position within the location (701.55)	✔
11.0	**OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS** List all other special installations or locations present, if any (Record separately the results of particular inspections)	
11.1	N/A	N/A
11.2	N/A	N/A

All boxes must be completed. 'tick' indicates that an inspection or test was carried out and that the result was satisfactory. 'X' indicates than an inspection or test was carried out and the result is not satisfactory. 'N/A' indicates that an inspection or test was not applicable to the particular installation. 'LIM' indicates that, exceptionally, a limitation agreed with the person ordering the work prevented the inspection or test being carried out.

13 SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Designation of consumer unit: **D.B. 1** Location: Under Stairs Prospective fault current: 0.76 kA

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, IΔn mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r_1 (Line)	r_n (Neutral)	r_2 (cpc)	All circuits (one column to be completed) R_1+R_2	R_2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✔	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✔	AFDD Test button operation ✔
	RCD Module 1							61008	N/A	80		30												17.8	✔	N/A
1	HOB	A	C	1	6	2.5	0.4	60898	B	32	6		1.37	N/A	N/A	N/A	0.23	N/A	N/A	> 200	500	✔	0.55			
2	TOWEL RAIL	A	C	1	2.5	1.5	0.4	60898	B	16	6		2.73	N/A	N/A	N/A	0.20	N/A	N/A	> 200	500	✔	0.53			
3	KITCHEN SOCKETS	A	C	9	2.5	1.5	0.4	60898	B	32	6		1.37	0.43	0.42	0.68	0.91	N/A	N/A	> 200	500	✔	0.60			
4	DOOR BELL	A	C	1	1.5	1.5	0.4	60898	B	6	6		7.28	N/A	N/A	N/A	0.06	N/A	N/A	> 200	500	✔	0.38			
5	DOWN FLOW	A	C	1	2.5	1.5	0.4	60898	B	16	6		2.73	N/A	N/A	N/A	0.16	N/A	N/A	> 200	500	✔	0.48			
	RCD Module 2							61008	N/A	80		30												15.6	✔	N/A
6	SOCKETS	A	C	6	2.5	1.5	0.4	60898	B	32	6		1.37	0.34	0.34	0.59	0.77	N/A	N/A	> 200	500	✔	0.65			
7	SHOWER	A	C	1	10	4	0.4	60898	B	40	6		1.09	N/A	N/A	N/A	0.16	N/A	N/A	> 200	500	✔	0.48			
8	WATER HEATER	A	C	1	2.5	1.5	0.4	60898	B	16	6		2.73	N/A	N/A	N/A	0.41	N/A	N/A	> 200	500	✔	0.73			
9	SMOKES	A	C	2	1.5	1.5	0.4	60898	B	6	6		7.28	N/A	N/A	N/A	0.79	N/A	N/A	> 200	500	✔	1.11			
10	LIGHTS	A	C	7	1.5	1.5	0.4	60898	B	6	6		7.28	N/A	N/A	N/A	1.43	N/A	N/A	> 200	500	✔	1.75			
11	Spare																									
12																										

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O - Other
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in nonmetallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in nonmetallic trunking	Thermoplastic /SWA cables	Thermosetting /SWA cables	Mineral insulated cables	N/A

DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE
GUIDANCE FOR RECIPIENTS

(to be appended to the Certificate)

This safety Certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed and inspected and tested in accordance with British Standard 7671 (as amended) (The IET Wiring Regulations).

You should have received an original Certificate and the contractor should have retained a duplicate Certificate. If you were the person ordering the work, but not the owner of the installation, you should pass this Certificate, or a full copy of it including the schedules, immediately to the user.

The 'original' Certificate should be retained in a safe place and be shown to any person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this Certificate will demonstrate to the new owner that the electrical installation complied with the requirements of British Standard 7671 at the time the certificate was issued. The Construction (Design and Management) Regulations require that for a project covered by those Regulations, a copy of this Certificate, together with schedules is included in the project health and safety documentation.

For safety reasons, the electrical installation will need to be inspected at appropriate intervals by a competent person. The maximum time interval recommended before the next inspection it stated on Page 1 under 'Next Inspection'.

This Certificate is intended to be issued only for a new electrical installation or new work associated with an alteration or addition to an existing installation. It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such an inspection.

This Certificate is only valid if a Schedule of Inspections and Schedule of Test Results are appended.

DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE

Requirements For Electrical Installations - BS 7671 IET Wiring Regulations

Certificate Reference: 10938292

1 DETAILS OF THE CLIENT

Client: Move Holmes Ltd.

Address: 21 Caunce Street, Blackpool, FY1 3LA

2 DETAILS AND EXTENT OF THE INSTALLATION

Installation Address: Flat 1, 2 Arnside View, Knott End-On-Sea, Poulton-Le-Fylde, Lancashire, FY6 0BJ

Extent of the installation covered by this certificate:

REPLACE CONSUMER UNIT WITH NEW SPLIT RCD UNIT.

CABLE SUPPLIES INTO CONSUMER UNIT OMITTING THE HENLEY BLOCKS OF PREVIOUS.

ONLY.

The installation is:	New installation	N/A	Addition to an existing installation	N/A	Alteration to an existing installation	✔

3 COMMENTS ON EXISTING INSTALLATION

Comments on existing installation (In the case of an addition or alteration see Regulation 644.1.2):

GOOD CONDITION

4 NEXT INSPECTION

I RECOMMEND that this installation is further inspected and tested after an interval of not more than: 5 Years or change of tenant/owner

5 TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	Fluke 4136051	Earth electrode resistance:	N/A
Insulation resistance:	N/A	Earth fault loop impedance:	N/A
Continuity:	N/A	RCD:	N/A

6 DESIGN, CONSTRUCTION, INSPECTION AND TESTING

I/We being the person(s) responsible for the design, construction, 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 design, construction, inspection and testing, hereby CERTIFY that the design work for which I/we have been reponsible is to the best of my/our knowledge and belief in accordance with BS 7671:2018, amended to 2020 except for the departures, if any, detailed as follows.

Details of departures from BS 7671, as amended (Regulations 120.3, 133.5):

None

Details of permitted exceptions (Regulations 411.3.3): Risk assessment attached N/A

None

The extent of liability of the signatory/signatories is limited to the work described above as the subject of this certificate.

For the DESIGN, the CONSTRUCTION, and the INSPECTION AND TESTING of the installation:

Name: Brad Dugdale Position: Qualified Supervisor Signature: Date: 25/08/2021

7 DETAILS OF THE ELECTRICAL CONTRACTOR

Trading Title: BSR Installations Ltd.

Address: Preston new road
Blackpool

Postcode: FY3 9NE

Registration Number (if applicable): 616910000

Telephone Number: 07871723947

8 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing Arrangements

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	Uo: 230 V	
Nominal frequency, f:	50 Hz		
Prospective fault current, Ipf:	0.75 kA		
External earth fault loop impedance, Ze:	0.32 Ω		

Supply Protective Device

BS(EN):	5419
Type:	N/A
Rated current:	60 A
Short-circuit capacity:	N/A kA

9 PARTICULARS OF INSTALLATION REFERRED TO IN THE CERTIFICATE

Means of Earthing

Distributor's facility: ✔

Installation earth electrode: N/A

Details of Installation Earth Electrode (where applicable)

Type:	N/A	Location:	N/A
Resistance to Earth:	N/A Ω	Method of measurement:	N/A

Maximum Demand (Load): 50 Amps

Protective measure(s) against electric shock: ADS

Measured Ze: 0.32 Ω

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

Type BS(EN):	60947-3 Isolator	Current rating:	100 A	Supply conductors material:	Copper
Number of poles:	2	Fuse/device rating or setting:	N/A A	Supply conductors csa:	16 mm^2
		Voltage rating:	240 V		

If RCD main switch:

Rated residual operating current (IΔn):	N/A mA
Rated time delay:	N/A ms
Measured operating time (at IΔn):	N/A ms

Earthing and Protective Bonding Conductors

Earthing conductor

Conductor material: Copper csa: 6 mm^2 Connection/ continuity verified: ✔

Main protective bonding conductors

Conductor material: Copper csa: 10 mm^2 Connection/ continuity verified: ✔

Bonding of extraneous-conductive parts

To water installation pipes:	✔	To gas installation pipes:	✔
To oil installation pipes:	N/A	To lightning protection:	N/A
To structural steel:	N/A	To other service(s):	N/A

10 INSPECTION SCHEDULE FOR DOMESTIC & SIMILAR PREMISES WITH UP TO 100A SUPPLY

Item No	Description	Outcome
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	**PARALLEL OR SWITCHED ALTERNATIVE SOURCES OF SUPPLY**	
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	N/A
2.2	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A
3.0	**AUTOMATIC DISCONNECTION OF SUPPLY**	
3.1	**Presence and adequacy of earthing and protective bonding arrangements:**	
3.1.1	Distributor's earthing arrangement (542.1.2.1; 542.1.2.2)	✔
3.1.2	Installation earth electrode (where applicable) (542.1.2.3)	N/A
3.1.3	Earthing conductor and connections, including accessibility (542.3; 543.3.2)	✔
3.1.4	Main protective bonding conductors and connections, including accessibility (411.3.1.2; 543.3.2; 544.1)	✔
3.1.5	Provision of safety electrical earthing/bonding labels at all appropriate locations (514.13)	✔
3.1.6	RCD(s) provided for fault protection (411.4.204; 411.5.3)	✔

11 INSPECTION SCHEDULE FOR DOMESTIC & SIMILAR PREMISES WITH UP TO 100A SUPPLY

Item No	Description	Outcome
4.0	**BASIC PROTECTION**	
4.1	**Presence and adequacy of measures to provide basic protection (prevention of contact with live parts) within the installation:**	
4.1.1	Insulation of live parts e.g. conductors completely covered with durable insulating material (416.1)	✔
4.1.2	Barriers or enclosures e.g. correct IP rating (416.2)	✔
5.0	**ADDITIONAL PROTECTION**	
5.1	**Presence and effectiveness of additional protection methods:**	
5.1.1	RCD(s) not exceeding 30mA operating current (415.1; Part 7), see Item 8.14 of this schedule	✔
5.1.2	Supplementary bonding (415.2; Part 7)	✔
6.0	**OTHER METHODS OF PROTECTION**	
6.1	**Presence and effectiveness of methods which give both basic and fault protection:**	
6.1.1	SELV system, including the source and associated circuits (Section 414)	N/A
6.1.2	PELV system, including the source and associated circuits (Section 414)	N/A
6.1.3	Double or reinforced insulation i.e. Class II or equivalent equipment and associated circuits (Section 412)	✔
6.1.4	Electrical separation for one item of equipment e.g. shaver supply unit (Section 413)	N/A
7.0	**CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)**	
7.1	Adequacy of access and working space for items of electrical equipment including switchgear (132.12)	✔
7.2	Components are suitable according to assembly manufacturer's instructions or literature (536.4.203)	✔
7.3	Presence of linked main switch(es) (462.1.201)	✔
7.4	Isolators, for every circuit or group of circuits and all items of equipment (462.2)	✔
7.5	Suitability of enclosure(s) for IP and fire ratings (416.2; 421.1.6; 421.1.201; 526.5)	✔
7.6	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)	✔
7.7	Confirmation that ALL conductor connections are correctly located in terminals and are tight and secure (526.1)	✔
7.8	Avoidance of heating effects where cables enter ferromagnetic enclosures e.g. steel (521.5)	✔
7.9	Selection of correct type and ratings of circuit protective devices for overcurrent and fault protection (411.3.2; 411.4, 411.5, 411.6; Sections 432, 433; 537.3.1.1)	✔
7.10	**Presence of appropriate circuit charts, warning and other notices:**	
7.10.1	Provision of circuit charts/schedules or equivalent forms of information (514.9)	✔
7.10.2	Warning notice of method of isolation where live parts not capable of being isolated by a single device (514.11)	✔
7.10.3	Periodic inspection and testing notice (514.12.1)	✔
7.10.4	RCD six-monthly test notice; where required (514.12.2)	✔
7.10.5	AFDD six-monthly test notice; where required	N/A
7.10.6	Warning notice of non-standard (mixed) colours of conductors present (514.14)	N/A
7.11	Presence of labels to indicate the purpose of switchgear and protective devices (514.1.1; 514.8)	✔
8.0	**CIRCUITS**	
8.1	Adequacy of conductors for current-carrying capacity with regard to type and nature of the installation (Section 523)	✔
8.2	Cable installation methods suitable for the location(s) and external influences (Section 522)	✔
8.3	Segregation/separation of Band I (ELV) and Band II (LV) circuits, and electrical and non-electrical services (528)	N/A
8.4	Cables correctly erected and supported throughout, with protection against abrasion (Sections 521, 522)	✔
8.5	Provision of fire barriers, sealing arrangements where necessary (527.2)	✔

12 INSPECTION SCHEDULE FOR DOMESTIC & SIMILAR PREMISES WITH UP TO 100A SUPPLY

Item No	Description	Outcome
8.6	Non-sheathed cables enclosed throughout in conduit, ducting or trunking (521.10.1; 526.8)	✔
8.7	Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (522.6.201, 522.6.202, 522.6.203; 522.6.204)	✔
8.8	Conductors correctly identified by colour, lettering or numbering (Section 514)	✔
8.9	Presence, adequacy and correct termination of protective conductors (411.3.1.1; 543.1)	✔
8.10	Cables and conductors correctly connected, enclosed and with no undue mechanical strain (Section 526)	✔
8.11	No basic insulation of a conductor visible outside enclosure (526.8)	✔
8.12	Single-pole devices for switching or protection in line conductors only (132.14.1; 530.3.3; 643.6)	✔
8.13	Accessories not damaged, securely fixed, correctly connected, suitable for external influences (134.1.1; 512.2; Section 526)	✔
8.14	**Provision of additional protection/requirements by RCD not exceeding 30mA:**	
8.14.1	Socket-outlets rated at 32A or less, unless exempt (411.3.3)	✔
8.14.2	Supplies for mobile equipment with a current rating not exceeding 32A for use outdoors (411.3.3)	✔
8.14.3	Cables concealed in walls at a depth of less than 50mm (522.6.202; 522.6.203)	✔
8.14.4	Cables concealed in walls/partitions containing metal parts regardless of depth (522.6.202; 522.6.203)	✔
8.14.5	Final circuits supplying luminaires within domestic (household) premises (411.3.4)	✔
8.15	**Presence of appropriate devices for isolation and switching correctly located including:**	
8.15.1	Means of switching off for mechanical maintenance (Section 464; 537.3.2)	✔
8.15.2	Emergency switching (465.1; 537.3.3)	✔
8.15.3	Functional switching, for control of parts of the installation and current-using equipment (463.1; 537.3.1)	✔
8.15.4	Firefighter's switches (537.4)	N/A
9.0	**CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)**	
9.1	Equipment not damaged, securely fixed and suitable for external influences (134.1.1; 416.2; 512.2)	✔
9.2	Provision of overload and/or undervoltage protection e.g. for rotating machines, if required (Sections 445, 552)	✔
9.3	Installed to minimize the build-up of heat and restrict the spread of fire (421.1.4; 559.4.1)	✔
9.4	Adequacy of working space. Accessibility to equipment (132.12; 513.1)	✔
10.0	**LOCATION(S) CONTAINING A BATH OR SHOWER (SECTION 701)**	
10.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3)	✔
10.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)	N/A
10.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	N/A
10.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)	✔
10.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from zone 1 (701.512.3)	✔
10.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	✔
10.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	✔
10.8	Suitability of current-using equipment for particular position within the location (701.55)	✔
11.0	**OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS** List all other special installations or locations present, if any (Record separately the results of particular inspections)	
11.1	N/A	N/A
11.2	N/A	N/A

All boxes must be completed. 'tick' indicates that an inspection or test was carried out and that the result was satisfactory. 'X' indicates than an inspection or test was carried out and the result is not satisfactory. 'N/A' indicates that an inspection or test was not applicable to the particular installation. 'LIM' indicates that, exceptionally, a limitation agreed with the person ordering the work prevented the inspection or test being carried out.

13 SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Designation of consumer unit: **D.B. 1** Location: Under Stairs Prospective fault current: 0.76 kA

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, IΔn mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r_1 (Line)	r_n (Neutral)	r_2 (cpc)	All circuits (one column to be completed) R_1+R_2	R_2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✔	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✔	AFDD Test button operation ✔
	RCD Module 1							61008	N/A	80		30													17.8	✔	N/A
1	HOB	A	C	1	6	2.5	0.4	60898	B	32	6		1.37	N/A	N/A	N/A	0.23	N/A	N/A	> 200	500	✔	0.55			
2	TOWEL RAIL	A	C	1	2.5	1.5	0.4	60898	B	16	6		2.73	N/A	N/A	N/A	0.20	N/A	N/A	> 200	500	✔	0.53			
3	KITCHEN SOCKETS	A	C	9	2.5	1.5	0.4	60898	B	32	6		1.37	0.43	0.42	0.68	0.91	N/A	N/A	> 200	500	✔	0.60			
4	DOOR BELL	A	C	1	1.5	1.5	0.4	60898	B	6	6		7.28	N/A	N/A	N/A	0.06	N/A	N/A	> 200	500	✔	0.38			
5	DOWN FLOW	A	C	1	2.5	1.5	0.4	60898	B	16	6		2.73	N/A	N/A	N/A	0.16	N/A	N/A	> 200	500	✔	0.48			
	RCD Module 2							61008	N/A	80		30												15.6	✔	N/A
6	SOCKETS	A	C	6	2.5	1.5	0.4	60898	B	32	6		1.37	0.34	0.34	0.59	0.77	N/A	N/A	> 200	500	✔	0.65			
7	SHOWER	A	C	1	10	4	0.4	60898	B	40	6		1.09	N/A	N/A	N/A	0.16	N/A	N/A	> 200	500	✔	0.48			
8	WATER HEATER	A	C	1	2.5	1.5	0.4	60898	B	16	6		2.73	N/A	N/A	N/A	0.41	N/A	N/A	> 200	500	✔	0.73			
9	SMOKES	A	C	2	1.5	1.5	0.4	60898	B	6	6		7.28	N/A	N/A	N/A	0.79	N/A	N/A	> 200	500	✔	1.11			
10	LIGHTS	A	C	7	1.5	1.5	0.4	60898	B	6	6		7.28	N/A	N/A	N/A	1.43	N/A	N/A	> 200	500	✔	1.75			
11	Spare																									
12																										

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A

This form is based on the model shown in Appendix 6 of BS 7671:2018.

Ref: 10938292

DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE
GUIDANCE FOR RECIPIENTS

(to be appended to the Certificate)

This safety Certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed and inspected and tested in accordance with British Standard 7671 (as amended) (The IET Wiring Regulations).

You should have received an original Certificate and the contractor should have retained a duplicate Certificate. If you were the person ordering the work, but not the owner of the installation, you should pass this Certificate, or a full copy of it including the schedules, immediately to the user.

The 'original' Certificate should be retained in a safe place and be shown to any person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this Certificate will demonstrate to the new owner that the electrical installation complied with the requirements of British Standard 7671 at the time the certificate was issued. The Construction (Design and Management) Regulations require that for a project covered by those Regulations, a copy of this Certificate, together with schedules is included in the project health and safety documentation.

For safety reasons, the electrical installation will need to be inspected at appropriate intervals by a competent person. The maximum time interval recommended before the next inspection it stated on Page 1 under 'Next Inspection'.

This Certificate is intended to be issued only for a new electrical installation or new work associated with an alteration or addition to an existing installation. It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such an inspection.

This Certificate is only valid if a Schedule of Inspections and Schedule of Test Results are appended.

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT

Requirements For Electrical Installations - BS 7671 IET Wiring Regulations

Report Reference: 1

1 DETAILS OF THE PERSON ORDERING THE REPORT

Client: Move Holmes Ltd.

Address: 21 Caunce Street, Blackpool, FY1 3LA

2 REASON FOR PRODUCING THIS REPORT

Reason for producing this report:

Safety assessment requested by client.

Date(s) on which inspection and testing was carried out: 06/08/2021

3 DETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT

Installation Address: Flat 1, 2 Arnside View, Knott-end-on-sea, Lancashire., FY6 0BJ

Estimated age of wiring system: years

Evidence of additions/ alterations: Yes if yes, estimated age: 15 years

Installation records available? (Regulation 651.1) No

Date of last inspection: N/A

4 EXTENT AND LIMITATIONS OF INSPECTION AND TESTING

Extent of the electrical installation covered by this report:

None

Agreed limitations including the reasons (see Regulation 653.2):

No Lifting of floor boards or inspection of loft space.

Agreed with: Client

Operational limitations including the reasons:

N/A

The 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 2020.
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 inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment.

5 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*: **UNSATISFACTORY**

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

6 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 'FI - Further Investigation Required'.
Observations classified as 'Code 3 - Improvement recommended' 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: 5 Years or change of tenant/owner

Note: 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.

7 OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection 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':

There are no items adversely affecting electrical safety

or

The following observations and recommendations are made

Item No	Observations	Classification Code
	SINGLE INSULATED CABLES BENEATH CONSUMER UNIT. REQUIRE SUITABLE TERMINATIONS. CABLES CONNECTED FEED TO CONSUMER UNITS	C2
	NOT ALL CIRCUITS RCD PROTECTED. REQUIRE NEW 18TH EDITION CONSUMER UNIT TO COMPLY WITH BS7671	C2
1	Inspection Schedule Item 4.3: Condition of enclosure(s) in terms of IP rating etc (416.2) is recommended for improvement.	C3
2	Inspection Schedule Item 4.4: Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5) is recommended for improvement.	C3
3	Inspection Schedule Item 4.10: Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2) is recommended for improvement.	C3
4	Inspection Schedule Item 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) is in a potentially dangerous condition. Urgent remedial action is required.	C2
5	Inspection Schedule Item 4.18: RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2) is in a potentially dangerous condition. Urgent remedial action is required.	C2
6	Inspection Schedule Item 4.19: RCD(s) provided for additional protection/requirements - includes RCBOs (411.3.3; 415.1) is in a potentially dangerous condition. Urgent remedial action is required.	C2
7	Inspection Schedule Item 5.3: Condition of insulation of live parts (416.1) is in a potentially dangerous condition. Urgent remedial action is required.	C2
8	Inspection Schedule Item 5.4: Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) is in a potentially dangerous condition. Urgent remedial action is required.	C2
9	Inspection Schedule Item 5.12.1: For all socket-outlets of rating 32A or less, unless an exception is permitted (411.3.3) is in a potentially dangerous condition. Urgent remedial action is required.	C2

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**

Immediate remedial action required for items: N/A

Urgent remedial action required for items: 4, 5, 6, 7, 8, 9

Improvement recommended for items: 1, 2, 3

Further investigation required for items: N/A

7 OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN (CONTINUED)

Item No	Observations	Classification Code
10	Inspection Schedule Item 5.12.3: For cables concealed in walls at a depth of less than 50mm (522.6.202; 522.6.203) is in a potentially dangerous condition. Urgent remedial action is required.	C2
11	Inspection Schedule Item 5.12.4: For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) is in a potentially dangerous condition. Urgent remedial action is required.	C2
12	Inspection Schedule Item 5.12.5: Final circuits supplying luminaires within domestic (household) premises (411.3.4) is in a potentially dangerous condition. Urgent remedial action is required.	C2
13	Inspection Schedule Item 5.17.2: No basic insulation of a conductor visible outside enclosure (526.8) is in a potentially dangerous condition. Urgent remedial action is required.	C2
14	Inspection Schedule Item 6.1: Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3) is in a potentially dangerous condition. Urgent remedial action is required.	C2

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**

Immediate remedial action required for items: N/A

Urgent remedial action required for items: 10, 11, 12, 13, 14

Improvement recommended for items: N/A

Further investigation required for items: N/A

8 GENERAL CONDITION OF THE INSTALLATION

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

Requires remedial works to comply with BS7671 as detailed in page 2.

9 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 4 of this report.

Trading Title: BSR Installations Ltd.

Address: Preston new road
Blackpool

Postcode: FY3 9NE

Registration Number (if applicable):

Telephone Number: 07871723947

For the INSPECTION, TESTING AND ASSESSMENT of the report:

Name: Brad Dugdale Position: Qualified Supervisor Signature: Date: 18/08/2021

10 TEST INSTRUMENTS

Details of Test Instruments used (state serial and/or asset numbers):

Multi-functional:	Fluke 4136051	Earth electrode resistance:	
Insulation resistance:		Earth fault loop impedance:	
Continuity:		RCD:	

11 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing Arrangements

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 Uo: 230 V
Nominal frequency, f: 50 Hz
Prospective fault current, Ipf: 0.76 kA
External earth fault loop impedance, Ze: 0.32 Ω

Supply Protective Device

BS(EN): 5419
Type:
Rated current: 80 A
Short-circuit capacity: kA

12 PARTICULARS OF INSTALLATION REFERRED TO IN THE REPORT

Means of Earthing

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

Details of Installation Earth Electrode (where applicable)

Type: Building Structure
Location:
Resistance to Earth: Ω
Method of measurement:

Maximum Demand (Load):

Protective measure(s) against electric shock: ADS

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

Type BS(EN): 60947-3 Isolator
Number of poles: 2
Current rating: 100 A
Fuse/device rating or setting: 100 A
Voltage rating: 240 V
Supply conductors material: Copper
Supply conductors csa: 16 mm^2

If RCD main switch:

Rated residual operating current (IΔn): N/A mA
Rated time delay: N/A ms
Measured operating time (at IΔn): N/A ms

Earthing and Protective Bonding Conductors

Earthing conductor

Conductor material: Copper csa: 10 mm^2 Connection/ continuity verified: ✔

Main protective bonding conductors

Conductor material: Copper csa: 10 mm^2 Connection/ continuity verified: ✔

Bonding of extraneous-conductive parts

To water installation pipes: ✔
To gas installation pipes: ✔
To oil installation pipes: N/A
To lightning protection: N/A
To structural steel: N/A
To other service(s): N/A

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

Item	Description	Comments	Outcome
1.0	**EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)**		
1.1	Service cable	N/A	✔
1.2	Service head	N/A	✔
1.3	Earthing arrangement	N/A	✔
1.4	Meter tails	N/A	✔
1.5	Metering equipment	N/A	✔
1.6	Isolator (where present)	N/A	N/A
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; Chap 54)**		
3.1	Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2)	N/A	✔
3.2	Presence and condition of earth electrode connection where applicable (542.1.2.3)	N/A	N/A
3.3	Provision of earthing/bonding labels at all appropriate locations (514.13.1)	N/A	✔
3.4	Confirmation of earthing conductor size (542.3; 543.1.1)	N/A	✔
3.5	Accessibility and condition of earthing conductor at MET (543.3.2)	N/A	✔
3.6	Confirmation of main protective bonding conductor sizes (544.1)	N/A	✔
3.7	Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)	N/A	✔
3.8	Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2)	N/A	✔
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	✔
4.2	Security of fixing (134.1.1)	N/A	✔
4.3	Condition of enclosure(s) in terms of IP rating etc (416.2)	N/A	C3
4.4	Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)	N/A	C3
4.5	Enclosure not damaged/deteriorated so as to impair safety (651.2)	N/A	✔
4.6	Presence of main linked switch (as required by 462.1.201)	N/A	✔
4.7	Operation of main switch (functional check) (643.10)	N/A	✔
4.8	Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)	N/A	✔
4.9	Correct identification of circuit details and protective devices (514.8.1; 514.9.1)	N/A	✔
4.10	Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)	N/A	C3
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	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)	N/A	✔

OUTCOMES

Acceptable condition	✔	Unacceptable condition	**C1 or C2**	Improvement recommended	**C3**	Further investigation	**FI**	Not verified	**N/V**	Limitation	**LIM**	Not applicable	**N/A**

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

Item	Description	Comments	Outcome
4.15	Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)	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	C2
4.17	Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1)	N/A	✔
4.18	RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)	N/A	C2
4.19	RCD(s) provided for additional protection/requirements - includes RCBOs (411.3.3; 415.1)	N/A	C2
4.20	Confirmation of indication that SPD is functional (651.4)	N/A	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	✔
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	✔
5.0	**FINAL CIRCUITS**		
5.1	Identification of conductors (514.3.1)	N/A	✔
5.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	N/A	✔
5.3	Condition of insulation of live parts (416.1)	N/A	C2
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A	C2
5.4.1	To include the integrity of conduit and trunking systems (metallic and plastic)	N/A	N/A
5.5	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A	✔
5.6	Coordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	✔
5.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A	✔
5.8	Presence and adequacy of circuit protective conductors (411.3.1; Section 543)	N/A	✔
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	N/A	✔
5.10	Concealed cables installed in prescribed zones (see Section 4. Extent and Limitations) (522.6.202)	N/A	✔
5.11	Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (see Section 4. Extent and Limitations) (522.6.204)	N/A	✔
5.12	**Provision of additional requirements for protection by RCD not exceeding 30mA:**		
5.12.1	For all socket-outlets of rating 32A or less, unless an exception is permitted (411.3.3)	N/A	C2
5.12.2	For the supply of mobile equipment not exceeding 32A rating for use outdoors (411.3.3)	N/A	N/A
5.12.3	For cables concealed in walls at a depth of less than 50mm (522.6.202; 522.6.203)	N/A	C2
5.12.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)	N/A	C2
5.12.5	Final circuits supplying luminaires within domestic (household) premises (411.3.4)	N/A	C2

OUTCOMES

Acceptable condition	✔	Unacceptable condition	C1 or C2	Improvement recommended	C3	Further investigation	FI	Not verified	N/V	Limitation	LIM	Not applicable	N/A

15 INSPECTION SCHEDULE FOR DOMESTIC & SIMILAR PREMISES WITH UP TO 100A SUPPLY

Item	Description	Comments	Outcome
5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	✔
5.14	Band II cables segregated/separated from Band I cables (528.1)	N/A	✔
5.15	Cables segregated/separated from communications cabling (528.2)	N/A	✔
5.16	Cables segregated/separated from non-electrical services (528.3)	N/A	✔
5.17	**Termination of cables at enclosures - indicate extent of sampling in Section 4 of the report (Section 526)**		
5.17.1	Connections soundly made and under no undue strain (526.6)	N/A	✔
5.17.2	No basic insulation of a conductor visible outside enclosure (526.8)	N/A	C2
5.17.3	Connections of live conductors adequately enclosed (526.5)	N/A	✔
5.17.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	N/A	✔
5.18	Condition of accessories including socket-outlets, switches and joint boxes (651.2(v))	N/A	✔
5.19	Suitability of accessories for external influences (512.2)	N/A	✔
5.20	Adequacy of working space/accessibility to equipment (132.12; 513.1)	N/A	✔
5.21	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)	N/A	✔
6.0	**LOCATION(S) CONTAINING A BATH OR SHOWER**		
6.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3)	N/A	C2
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 3m from zone 1 (701.512.3)	N/A	✔
6.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	N/A	✔
6.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	N/A	✔
6.8	Suitability of current-using equipment for particular position within the location (701.55)	N/A	✔
7.0	**OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS** List all other special installation or locations present, if any. (Record separately the results of particular inspections)		
7.1	N/A	N/A	
7.2	N/A	N/A	
7.3	N/A	N/A	
7.4	N/A	N/A	
7.5	N/A	N/A	
7.6	N/A	N/A	
7.7	N/A	N/A	
7.8	N/A	N/A	
7.9	N/A	N/A	
7.10	N/A	N/A	

OUTCOMES

Acceptable condition	✔	Unacceptable condition	C1 or C2	Improvement recommended	C3	Further investigation	FI	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: Under Stairs Prospective fault current: 0.76 kA

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, IΔn mA	Maximum Z_s permitted by BS7671 Ω	Circuit impedances (Ohms) Ring final circuits only (measured end to end) r_1 (Line)	r_n (Neutral)	r_2 (cpc)	All circuits (one column to be completed) R_1+R_2	R_2	Insulation resistance Live - Live MΩ	Live - Earth MΩ	Test voltage V	Polarity ✔	Maximum measured earth fault loop impedance Zs Ω	RCD Disconnection time ms	RCD Test button operation ✔	AFDD Test button operation ✔
1	HOB	A	C	1	6	2.5	0.4	60898	B	32	6		1.37	N/A	N/A	N/A	0.24	N/A	N/A	> 200	500	✔	0.55			
2	BATHROOM HEATER	A	C	1	2.5	1.5	0.4	60898	B	16	6		2.73	N/A	N/A	N/A	0.16	N/A	N/A	> 200	500	✔	0.49			
3	WATER HEATER	A	C	1	2.5	1.5	0.4	60898	B	16	6		2.73	N/A	N/A	N/A	0.41	N/A	N/A	> 200	500	✔	0.73			
4	LIGHTS	A	C	7	1.5	1.5	0.4	60898	B	6	6		7.28	N/A	N/A	N/A	1.41	N/A	N/A	> 200	500	✔	1.78			
5	SMOKES	A	C	2	1.5	1.5	0.4	60898	B	6	6		7.28	N/A	N/A	N/A	0.76	N/A	N/A	> 200	500	✔	1.18			
6	DOOR BELL	A	C	1	1.5	1.5	0.4	60898	B	6	6		7.28	N/A	N/A	N/A	0.08	N/A	N/A	> 200	500	✔	0.41			
	RCD Module							61008	N/A	63		30												14.2	✔	N/A
8	TOWEL RAIL	A	C	1	2.5	1.5	0.4	60898	B	16	6	30	2.73	N/A	N/A	N/A	0.23	N/A	N/A	> 200	500	✔	0.53			
9	KITCHEN SOCKETS	A	C	9	2.5	1.5	0.4	60898	B	32	6	30	1.37	0.43	0.42	0.67	0.87	N/A	N/A	> 200	500	✔	0.60			
10	SOCKETS	A	C	6	2.5	1.5	0.4	60898	B	32	6	30	1.37	0.36	0.36	0.59	0.79	N/A	N/A	> 200	500	✔	0.66			
11	SHOWER	A	C	1	10	4	0.4	60898	B	40	6	30	1.09	N/A	N/A	N/A	0.16	N/A	N/A	> 200	500	✔	0.45			
12																										

CODES FOR TYPE OF WIRING	A Thermoplastic insulated/sheathed cables	B Thermoplastic cables in metallic conduit	C Thermoplastic cables in nonmetallic conduit	D Thermoplastic cables in metallic trunking	E Thermoplastic cables in nonmetallic trunking	F Thermoplastic /SWA cables	G Thermosetting /SWA cables	H Mineral insulated cables	O - Other
									N/A