



Electrical Installation Condition Report

**Requirements for Electrical Installations - BS
7671:2018
(IET Wiring Regulations 18th Edition)**

Information for recipients:

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 (see Section K).

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 residual current devices (RCDs) there should be a notice at or near the devices stating that they should be tested every 6 months. **For safety reasons it is important that these instructions are followed.**

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 (licencing authority, insurance company, mortgage provider and the like()) before the inspection was carried out.

Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in Section D.

For items classified in Section K as **C1 ("Danger Present")**, the safety of those using the installation is at risk, and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work immediately.

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

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 on a code C1 or C2 could not, due to the extent or limitations of this inspection, be fully identified. Such observations should be investigated as soon as possible. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section F).

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 label at or near to the consumer unit/distribution board.



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A Details of the Installation

Client	Mr D Evans	Installation	Mr D Evans
Address	Holy trinity Church Ash Priors Taunton Somerset	Address	Holy trinity Church Ash Priors Taunton Somerset
Postcode	TA4 3NQ	Postcode	TA4 3NQ

B Reason for producing this report

This form is to be used only for reporting on the condition of an existing installation.

To obtain safety and condition of installation.

Date(s) on which the inspection and testing were carried out 10/09/2024 to 10/09/2024

C Details of installation which is the subject of this report

Description of premises Domestic ☐ Commercial ☒ Industrial ☐ Other (please specify)
Estimated age of the wiring system 30 years years
Evidence of alterations or addition Yes ☒ No ☐ Not apparent ☐ if 'Yes', estimated 10 years
Records of installation available Yes ☒ No ☐ Records held by Church Warden
Date of last inspection 28/01/2019 Electrical Installation Certificate No. or previous Inspection Report No. IPN4/0445908

D Extent of electrical installation covered by this report:

Whole installation to include 30% dismantling of accessories. From ground level only.

Agreed Limitations and Operational Limitations (Regulations 653.2)

Operational limitations including the reasons see page no 1 Agreed with:

The inspection and testing detailed within this report and accompanying schedule has been carried out in accordance with BS 7671: 2018 amended to

It should be noted that cables concealed within trunkings 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.

E Summary of the condition of the installation

General conditions of the installation (in terms of safety)

Generally ok condition

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

SATISFACTORY ☒

*UNSATISFACTORY ☐

*An UNSATISFACTORY assessment indicates that dangerous (code C1), or potentially dangerous (code C2), Further investigation (code FI) conditions have been identified

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 'Potential 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 the installation is further inspected and tested by 10/09/2029 (date)

G Declaration

I/we being the person(s) responsible for the inspection and the 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.

Company	Sharp Sparks Electrical	Inspected and tested by	Authorised for issue by
Membership No.	31610	Name:	Josh Sharp
Address	91 Gloucester Road, Bridgwater, Somerset	Signature:	
Postcode	TA6 6EA	Position:	Electrician
		Date:	14/11/2024

H Schedule(s)

1 schedule(s) of inspection and 1 schedule(s) of test results are attached.

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



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Supply characteristics and earthing arrangements

Earthing Arrangements TN-S ☐ TN-C-S ☒ TT ☐ Other ☐ Please specify _____
Number & Type of live conductors AC ☒ DC ☐ No. of phases 1 No. of wires 2
Nature of Supply Parameters (Note: ⁽¹⁾ by enquiry, ⁽²⁾ by enquiry or by measurement)
Nominal voltage, U/U₀ ⁽¹⁾ 230v v Nominal frequency, f⁽¹⁾ 50Hz Hz Confirmation of polarity ☒
Prospective fault current, I_{pr} ⁽²⁾ 0.63 kA External loop impedance, Z_e ⁽²⁾ 0.36 Ω Or Z_{db} Source of Circuit _____
Supply Protective Device BS (EN) 1361 Type 2 Rated Current 100 A
Other Sources of Supply (as detailed on attached schedule) _____

Particulars of installation referred to in this report

Details of installation Earth Electrode (where applicable) Type (e.g. rod(s), tape etc) N/A Means of Earthing
Location N/A Electrode resistance to earth N/A Ω Distributors facility ☒ Installation Earth Electrode ☐
Main Protective Conductors Material csa (✓) or Value Maximum Demand (load) 100 Amps ☒ KVA ☐
Earthing Conductor Copper 10 ☒ Ω (connection / continuity) (✓) or Value (✓) or Value
Protective Bonding Conductor (to extraneous-conductive-parts) Copper 10 ☒ Water installation ☐ Ω To structural steel ☐ Ω
Main Supply Conductor Copper 10 Gas installation pipes ☒ Ω To lightning protection ☐ Ω
Main Switch Location Bellfree Oil installation pipes ☐ Ω Other ☐ Ω
Fuse/device rating or setting 80 A Voltage rating 230v V BS(EN) 61008 No. of Poles 2 Current Rating 80 A
If RCD main switch: Rated residual operating current I Δn 30 mA Rated time delay _____ ms Measured operating trip time 40.3 ms

Observations

Referring to the attached schedule of inspection and test results, and subject to the limitations at Section D.

- ☐ No remedial work required
☒ The following observations are made

Item No.	Observations	Code
1	Supply conductors and Earth undersized.	C3
2	Light switch in bell tower connections twisted with no connectors	C3
3	Light fitting in bell tower cracked but not yet affecting safety.	C3

One of the above codes, as appropriate, has been allocated to each of the observations made above and/or any attached observation sheets 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.	1, 2, 3
FI Further Investigation required without delay	

Explanation of codes

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

Outcomes

Acceptable condition:	Unacceptable condition: State	Improvement recommended:	Further Investigation:	Not Verified:	Limitation:	Not Applicable:
	 or 					

In the outcome column use the codes above. Provide additional comment where appropriate. C1/C2/C3 and FI coded items to be recorded in section K of the condition report.

Item No.	Description	Outcome
1.0 External Condition Of Intake Equipment (Visual Inspection Only) Where inadequacies are encountered, it is recommended that the person ordering the report informs the appropriate authority		
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)	
2.2	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	
3.0 Automatic Disconnection Of Supply		
3.1	Main earthing/bonding arrangements (411.3; Chap 54)	
3.1.1	Presence of distributor's earthing arrangement (542.1.2.1; 542.1.2.2)	
3.1.2	Presence of installation earth electrode arrangement (542.1.2.3)	
3.1.3	Adequacy of earthing conductor size (542.3; 543.1.1)	
3.1.4	Adequacy of earthing conductor connections (542.3.2)	
3.1.5	Accessibility of earthing conductor connections (543.3.2)	
3.1.6	Adequacy of main protective bonding conductor sizes (544.1)	
3.1.7	Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2)	
3.1.8	Accessibility of all protective bonding connections (543.3.2)	
3.1.9	Provision of earthing/bonding labels at all appropriate locations (514.13)	
3.2	FELV - requirements satisfied (411.7; 411.7.1)	
4.0 Other Methods Of Protection (Where any of the methods listed below are employed details should be provided on separate sheets)		
4.1	Non-conducting location (418.1)	
4.2	Earth-free local equipotential bonding (418.2)	
4.3	Electrical separation (Section 413; 418.3)	
4.4	Double insulation (Section 412)	
4.5	Reinforced insulation (Section 412)	
5.0 Distribution Equipment		
5.1	Adequacy of working space/accessibility to equipment (132.12; 513.1)	
5.2	Security of fixing (134.1.1)	
5.3	Condition of insulation of live parts (416.1)	
5.4	Adequacy/security of barriers (416.2)	
5.5	Condition of enclosure(s) in terms of IP rating etc (416.2)	
5.6	Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)	
5.7	Enclosure not damaged/deteriorated so as to impair safety (651.2)	
5.8	Presence and effectiveness of obstacles (417.2)	
5.9	Presence of main switch(es), linked where required (462.1; 462.1.201; 462.2)	
5.10	Operation of main switch(es) (functional check) (643.10)	
5.11	Manual operation of circuit-breakers and RCD(s) to prove disconnection (643.10)	
5.12	Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (643.10)	
5.13	RCD(s) provided for fault protection – includes RCBO(s) (411.4.204; 411.5.2; 531.2)	
5.14	RCD(s) provided for additional protection / requirements, where required - includes RCBO(s) (411.3.3; 415.1)	
5.15	Presence of RCD six-monthly test notice at or near equipment, where required (514.12.2)	
5.16	Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1)	
5.17	Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)	
5.18	Presence of alternative supply warning notice at or near equipment, where required (514.15)	
5.19	Presence of next inspection recommendation label (514.12.1)	
5.20	Presence of other required labelling (please specify) (Section 514)	
5.21	Compatibility of protective device, base and other components; correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4; 411.4.5; 411.4.6; Sections 432; 433)	
5.22	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	
5.23	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)	



Electrical Installation Condition Report Inspection Schedule

for Industrial/Commercial Premises

Requirements for Electrical Installations - BS 7671:2018 (IET Wiring Regulations 18th Edition) All items inspections to confirm as appropriate, compliance with the relevant clauses in BS 7671:2018

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5.24	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)	✓
6.0 Distribution Circuits		
6.1	Identification of conductors (514.3.1)	✓
6.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	✓
6.3	Condition of insulation of live parts (416.1)	✓
6.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking. Integrity of containment (521.10.1)	✓
6.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	✓
6.6	Cables correctly terminated in enclosures (Section 526)	C3
6.7	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	✓
6.8	Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)	✓
6.9	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	✓
6.10	Adequacy of protective devices: type and rated current for fault protection (411.3)	✓
6.11	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	✓
6.12	Coordination between conductors and overload protective devices (433.1; 533.2.1)	✓
6.13	Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522)	✓
6.14	Where exposed to direct sunlight, cable of a suitable type (522.11.1)	✓
6.15	Cables concealed under floors, above ceilings, in walls/partitions less than 50 mm from a surface, and in partitions containing metal parts	
6.15.1	installed in prescribed zones (see Section D. Extent and limitations) (522.6.202) or	✓
6.15.2	incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section D. Extent and limitations) (522.6.204)	✓
6.16	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	✓
6.17	Band II cables segregated/separated from Band I cables (528.1)	✓
6.18	Cables segregated/separated from non-electrical services (528.3)	✓
6.19	Condition of circuit accessories (651.2)	✓
6.20	Suitability of circuit accessories for external influences (512.2)	✓
6.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	✓
6.22	Adequacy of connections, including cpc's, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526)	✓
6.23	Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; 537)	✓
6.24	General condition of wiring systems (651.2)	✓
6.25	Temperature rating of cable insulation (522.1.1; Table 52.1)	✓

Inspector's Name: Josh Sharp

Date: 14/11/2024

Signature:



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