



NAPIT Electrical Installation Condition Report for Domestic and Similar Premises with up to 100 A Supply

NA/EICR 313861

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

A

Details of the Installation
 Client: B HODDGE
 Address: PLAT 5, RUTHWOOD COURT, QUENBY ROAD, BARNWORTH, LEICESTER LE19 2LP
 Postcode: LE19 2LP
 Installation (if different from client):
 Address:
 Postcode:

B

Reason for producing this report This form to be used only for reporting on the condition of an existing installation
 Date(s) on which the inspection and testing were carried out: 31st - 30th APR 2018

C

Details of the installation which is the subject of the report
 Description of premises: Domestic 35 years
 Estimated age of the wiring system: 35 years
 Evidence of alterations or additions: Yes
 Records of installation available (Regulation 651.1): Yes
 Date of last inspection: Yes
 Extent of limitations of inspection and testing: Agreed with (if required)

D

Summary of the condition of the installation (in terms of electrical safety)
 General conditions of the installation: Satisfactory
 Operational limitations including the reasons (see page no. of (if applicable))
 The inspection and testing detailed within this report and accompanying schedule has been carried out in accordance with BS 7671:2018.
 It should be noted that cables concealed within the 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 of the building made within an accessible roof space housing other electrical equipment.

E

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 F1) 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 / / (date)
 An UNSATISFACTORY assessment indicates that dangerous (code C1), or potentially dangerous (code C2), or Further investigation (code F1) conditions have been identified.

F

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.

H

Schedules
 Address: PLAT 5, RUTHWOOD COURT, QUENBY ROAD, BARNWORTH, LEICESTER LE19 2LP
 Membership No.: 3146
 Company: B HODDGE
 Name: CLIVE HODDGE
 Signature: [Signature]
 Position: JMS
 Date: 4-4-23
 Inspected and tested by: CLIVE HODDGE
 Authorised for issue by: [Signature]
 The attached schedule(s) are part of this document and this report is valid only when they are attached to it.

Supply characteristics and earthing arrangements

Earthing Arrangements TN-S TN-C-S TT Other Please specify: TT

Number and Type of Live Conductors

AC DC

No. of phases 1 No. of wires 1 Confirmation of supply polarity

Nature of Supply Parameters (Note: (1) by enquiry, (2) by enquiry or by measurement)

Prospective fault current, $I_{pf}^{(2)}$ KA 99 External loop impedance, $Z_e^{(2)}$ Ω 24 Nominal voltage, $U_N^{(1)}$ 230V Nominal frequency, $f^{(1)}$ Hz 50

Supply Protective Device BS (EN) Type 1 Nominal current rating 63 A

Other Sources of Supply (as detailed on attached schedule)

Particulars of installation referred to in this certificate

Means of Earthing Distributors facility Installation earth electrode

Details of installation earth electrode (where applicable) Type (e.g. rod(s), tape etc) Ω

Location

Electrode resistance to earth Ω

Main Protective Conductors

Material csa (Connection/continuity) or Ohm To water installation pipes To gas installation pipes To lightning protection To structural steel

Earthing conductor

Material csa (Connection/continuity) or Ohm To lightning protection To structural steel

Main protective bonding conductor (to extraneous-conductive-parts)

Material csa (Connection/continuity) or Ohm To lightning protection To structural steel

Main supply conductor

Material csa (Connection/continuity) or Ohm To lightning protection To structural steel

Main switch

Location (Connection/continuity) or Ohm To lightning protection To structural steel

Fuse/device rating or setting

A Voltage rating 230V

No. of poles 2

Current rating 60

Measured operating trip time

ms

If RCD main switch: Rated residual operating current $I_{\Delta n}$

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

Explanation of codes

- Danger present. Risk of injury. Immediate remedial action required.
- Potentially dangerous. Urgent remedial action required.
- Improvement recommended.
- Further investigation without delay.

Item No. Observations

34	Remarking completed 27th + no 16th - empty 17th (MS)
44	None has 17th fuse bar
510	Socket next to cooker
600	Socket in kitchen cupboard not locked
41	Fuse bar above door/door lever.

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.

- Immediate remedial work required for items.
- Urgent remedial work required for items.
- Improvement(s) recommended for items.
- Further investigation required without delay.

Code



NAPIT Electrical Installation Condition Report

For Domestic and Similar Premises with up to 100 A Supply

Note: This form is suitable for many types of smaller installation not exclusively domestic. Requirements for Electrical Installations - BS 7671:2018 (IET Wiring Regulations 18th Edition)

Only for the reporting on the condition of an existing installation.

Schedule of Inspections - Outcomes

Acceptable condition:	Unacceptable condition: State OR	Improvement recommended:	Further investigation:	Not verified:	LIM	Not applicable:
✓	⊗ or ⊙	⊕	⊖	NV	LIM	NA

In the outcome column use the codes above. Provide additional comment where appropriate. C1/C2/C3 and F1 coded items to be recorded in section K of the condition report

Item No. Description

5.0	FINAL CIRCUITS CONT.	Co-ordination 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 (411.3.1; 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)	
5.11	Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (see Section D, Extent and limitations) (522.6.204)	
5.12	PROVISION OF ADDITIONAL REQUIREMENTS FOR RCD NOT EXCEEDING 30 mA:	
5.12.1	For all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3)	
5.12.2	For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)	
5.12.3	For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)	
5.12.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)	
5.12.5	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)	
5.15	Cables segregated/separated from communications cabling (528.2)	
5.16	Cables segregated/separated from non-electrical services (528.3)	
5.17	TERMINATION OF CABLES AT ENCLOSURES - INDICATE EXTENT OF SAMPLING IN SECTION D OF THE REPORT (SECTION 526)	
5.17.1	Connections soundly made and under no undue strain (526.6)	
5.17.2	No basic insulation of a conductor visible outside enclosure (526.8)	
5.17.3	Connections of live conductors adequately enclosed (526.5)	
5.17.4	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 protective devices in live conductors only (132.14; 530.3.3)	
6.0	LOCATIONS 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 formerly BS 3535 (701.512.3)	
6.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)	
6.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3 m from zone 1 (701.512.3)	
6.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	
6.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	
6.8	Suitability of current-using equipment for particular position within the location (701.55)	
7.0	OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS	
7.1	List all other special installations or locations present, if any. (Record separately the results of particular inspections applied.)	
8.0	SCHEDULE OF TESTS (RESULTS TO BE RECORDED ON SCHEDULE OF TEST RESULTS)	
8.1	External earth loop impedance, Z _e	
8.2	Installation earth electrode R _a	
8.3	Prospective fault current I _p	
8.4	Continuity of Earthing conductors	
8.5	Continuity of circuit protective conductors	
8.6	Continuity of ring final circuit conductors	
8.7	Continuity of protective bonding conductors	
8.8	Volt drop verified	

Inspectors Name: *D. Murray*
Date: *4-4-23*

8.9	Insulation Resistance between Live conductors	✓
8.10	Insulation Resistance between Live conductors and Earth	✓
8.11	Polarity (prior to energisation)	✓
8.12	Polarity (after energisation) including phase sequence	✓
8.13	Earth fault loop impedance	✓
8.14	RCD(s)/RCBO(s) including selectivity	✓
8.15	Functional testing of RCD(s)	✓
8.16	Functional testing of AFDD(s)	✓

Signature: *[Handwritten Signature]*

