

DOMESTIC ELECTRICAL INSTALLATION PERIODIC INSPECTION REPORT (FOR A SINGLE DWELLING)

Issued in accordance with *British Standard 7671—Requirements for Electrical Installations* by a Domestic Installer registered with NICEIC, Warwick House, Houghton Hall Park, Houghton Regis Dunstable LUX 5ZX.

Original (To the person ordering the work)

A DETAILS OF THE CLIENT

Client/ Address:

B ADDRESS AND DETAILS OF THE INSTALLATION

Address:

Estimated age of the electrical installation: years

Evidence of alterations or additions: If yes, estimated age: years

Date of previous inspection: Electrical Installation Certificate number or previous Periodic Inspection Report number:

Records of installation available: Records held by:

C PURPOSE OF THE REPORT † (see note below)

Purpose for which this report is required:

D EXTENT OF THE INSTALLATION AND LIMITATIONS OF THE INSPECTION AND TESTING ‡ (see note below)

Extent of the electrical installation covered by this report:

Agreed limitations (including the reasons), if any, on the inspection and testing:

E PARTICULARS OF THE DOMESTIC INSTALLER

Trading Title:

Address:

Postcode

Registration Number

(The registration number is essential information)

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 (see B), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see G) and the attached schedules (see K and L), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations of the inspection and testing (see D).

I/We further declare that in my/our judgement, the said installation was overall in condition (see H) at the time the inspection was carried out, and that it should be further inspected as recommended (see I).

✦ (Insert 'a satisfactory' or 'an unsatisfactory', as appropriate)

INSPECTION, TESTING AND ASSESSMENT BY:

Signature:

Name: (CAPITALS)

Position:

Date:

REPORT REVIEWED AND CONFIRMED BY: *See note below

Signature:

Name: (CAPITALS)

(Registered Qualified Supervisor for the Domestic Installer at E)

Date:

† This Domestic Periodic Inspection Report must be used only for reporting on the condition of an existing installation.

‡ The inspection and testing have been carried out in accordance with BS 7671, as amended. Cables concealed within trunking and conduits, or cables and conduits concealed under floors, in inaccessible roof spaces and generally within the fabric of the building or underground, have not been visually inspected.

* This Domestic Periodic Inspection Report should be reviewed and confirmed by the registered Qualified Supervisor of the Domestic Installer responsible for issuing it.

Please see the 'Notes for Recipients' on the reverse of this page.

NOTES FOR RECIPIENT

THIS REPORT IS AN IMPORTANT AND VALUABLE DOCUMENT WHICH SHOULD BE RETAINED FOR FUTURE REFERENCE

The purpose of periodic inspection is to determine, so far as is reasonably practicable, whether an electrical installation is in a satisfactory condition for continued service. This report provides an assessment of the condition of the electrical installation identified overleaf at the time it was inspected, taking into account the stated extent of the installation and the limitations of the inspection and testing.

The report has been issued in accordance with the national standard for the safety of electrical installations, British Standard 7671 (as amended) - Requirements for Electrical Installations.

If you were the person ordering the work, but not the user of the installation, you should pass this report, or a full copy of it including these notes, the schedules and additional pages (if any), immediately to the user.

The 'Original' report form should be retained in a safe place and shown to any person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this report will provide the new user with an assessment of the condition of the electrical installation at the time the periodic inspection was carried out.

Where the installation incorporates a residual current device (RCD), there should be a notice at or near the main switchboard or consumer unit stating that the device should be tested at quarterly intervals. For safety reasons, it is important that you carry out the test regularly.

Also for safety reasons, the electrical installation will need to be re-inspected at appropriate intervals by a competent person. The recommended maximum time interval to the next inspection is stated on page 2 in Section I (Next Inspection). NICEIC* recommends that you engage the services of an NICEIC approved company registered for Domestic Periodic Inspection Reporting work for this purpose. There should be a notice at or near the main switchboard or consumer unit indicating when the next inspection of the installation is due.

Only an NICEIC approved company registered for Domestic Periodic Inspection Reporting work is authorised to issue this NICEIC Domestic Electrical Installation Periodic Inspection Report form.

The report consists of at least four numbered pages. Additional numbered pages may have been provided to permit further relevant information concerning the installation to be recorded. The report is invalid if any of the identified pages are missing. The report has a printed seven-digit serial number, which is traceable to the Domestic Installer to which it was supplied by NICEIC.

This report is intended to be issued only for the purpose of reporting on the condition of an existing electrical installation. The report should identify, so far as is reasonably practicable and having regard to the extent and limitations recorded in Section D, any damage, deterioration, defects, dangerous conditions and any non-compliances with the requirements of the national standard for the safety of electrical installations which may give rise to danger. It should be noted that the greater the limitations applying to a report, the less its value.

This report should not have been issued to certify that a new electrical installation complies with the requirements of the national safety standard. A 'Domestic Electrical Installation Certificate' or 'Electrical Installation Certificate' should be issued for the certification of a new installation.

You should have received the report marked 'Original' and the Domestic Installer should have retained the report marked 'Duplicate'.

Section D addresses the extent and limitations of the report by providing boxes for the *Extent of the electrical installation covered by this report* and the *Agreed limitations, if any, on the inspection and testing*. Information given here should fully identify the scope of the inspection and testing and of the report. The Domestic Installer should have agreed all such aspects with the person ordering the work and other interested parties (eg insurance company, landlord, mortgagee etc) before the inspection was carried out.

A declaration of the overall condition of the installation should have been given by the inspector in Section F of the report. The declaration must reflect that given in Section H, which summarises the observations and recommendations made in Section G. A list of observations and recommendations for urgent remedial work and corrective action(s) necessary to maintain the installation in a safe working order should have been given in Section J, where appropriate. For further guidance on the recommendations, please see the reverse of page 2.

Should the person ordering the periodic inspection (eg the client, as identified on Page 1 of this report) have reason to believe that the report issued by the Domestic Installer does not reasonably reflect the condition of the electrical installation reported on, the person should in the first instance raise the specific concerns in writing with the Domestic Installer. If the concerns remain unresolved, the client may make a formal complaint to NICEIC, for which purpose a standard complaint form is available on request.

The complaints procedure offered by NICEIC is subject to certain terms and conditions, full details of which are available upon application and from the website[†]. NICEIC does not investigate complaints relating to the operational performance of electrical installations (such as lighting levels), or to contractual or commercial issues (such as time or cost).

All unshaded boxes should have been completed either by insertion of the relevant details or by entering 'N/A', meaning 'Not Applicable', where appropriate.

* NICEIC is a trading name of the NICEIC Group Limited, a wholly owned subsidiary of The Electrical Safety Council. Under licence from The Electrical Safety Council, NICEIC acts as the electrical contracting industry's independent voluntary regulatory body for electrical installation safety matters throughout the UK, and maintains and publishes registers of electrical contractors that it has assessed against a particular scheme requirements (including the technical standard of electrical work).

NICEIC Domestic Installers have been assessed as having the technical capability to carry out electrical work in compliance with the national standard for the safety of electrical installations, British Standard 7671 - Requirements for Electrical Installations, in relation to electrical installation work in dwellings, and all electrical installation work carried out by them is required to comply with that standard.

[†]For further information about electrical safety and how NICEIC can help you, visit www.niceicgroup.com

GUIDANCE FOR RECIPIENTS ON THE RECOMMENDATION CODES

Only one Recommendation Code should have been given for each recorded observation.

Recommendation Code 1

Where an observation has been given a Recommendation Code 1 (requires urgent attention) a danger exists, and urgent remedial action is necessary as the safety of those using the installation may be at risk.

The person responsible for the maintenance of the installation is advised to take action without delay to remedy the observed deficiency in the installation, or to take other appropriate action (such as switching off and isolating the affected part(s) of the installation) to remove the potential danger.

NICEIC make available 'dangerous condition' notification forms to enable inspectors to record, and then to communicate to the person ordering the report, any dangerous condition discovered.

Recommendation Code 2

Recommendation Code 2 (requires improvement) indicates that, whilst the safety of those using the installation may not be at immediate risk, remedial action should be taken as soon as possible to remove potential danger, and improve the safety of the installation to the level provided by the national standard for the safety of electrical installations, BS 7671. The Contractor issuing this report will be able to provide further advice.

Items which have been given a Recommendation Code 2 should be remedied as soon as possible (see Section G).

Recommendation Code 3

Where an observation has been given a Recommendation Code 3 (requires further investigation), the inspection has revealed an apparent deficiency which could not, due to the extent or limitations of this inspection, be fully identified. Items which have been given a Recommendation Code 3 should be investigated as soon as possible (see Section G).

The person responsible for the maintenance of the installation is advised to arrange for the Contractor issuing this report (or other competent person) to undertake further examination of the installation to determine the nature and extent of the apparent deficiency.

Recommendation Code 4

Recommendation Code 4 [does not comply with BS 7671(as amended)] will have been given to observed non-compliance(s) with the **current** safety standard which do not warrant one of the other Recommendation Codes. It is not intended to imply that the electrical installation inspected is unsafe, but careful consideration should be given to the benefits of improving these aspects of the installation. The Contractor issuing this report will be able to provide further advice.

It is important to note that the recommendation given at Section I *Next Inspection* of this report for the maximum interval until the next inspection is conditional upon all items which have been given a Recommendation Code 1 and Code 2 being remedied without delay and as soon as possible respectively (see Section G).

It would not be reasonable to indicate a 'satisfactory' assessment if any observation in the report had been given a Code 1 or Code 2 recommendation (see Section H).

DOMESTIC ELECTRICAL INSTALLATION PERIODIC INSPECTION REPORT (FOR A SINGLE DWELLING)

J SUPPLY CHARACTERISTICS, EARTHING AND BONDING ARRANGEMENTS

Enter details, as appropriate

Supply Characteristics		No. and type of live conductors (✓)	System Type(s) (✓)	Characteristics of Primary Supply Overcurrent Protective Device(s)	Main Switch or Circuit-Breaker	Means of Earthing	Earthing and Protective Bonding Conductors	
Nominal voltage: $U^{(1)}$	V	1-phase (2wire)	TN-S	BS(EN)	Type: BS(EN)	Distributor's facility:	Earthing conductor	Main protective bonding conductors
Nominal voltage: $U_o^{(1)}$	V	1-phase (3wire)	TN-C-S	Type	Voltage rating	Installation earth electrode:	Conductor material	Conductor material
Nominal frequency, $f^{(1)}$	Hz	3-phase (3wire)	TT	Rated current	A	Type: (eg rod(s), tape etc)	Conductor csa	Conductor csa
Prospective fault current, $I_{pf}^{(2)}$	kA	3-phase (4wire)		Short-circuit capacity	kA	Electrode resistance, R_A :	Continuity check	Continuity check
External earth fault loop impedance, $Z_e^{(3)}$	Ω	Other (please state)				Location:	Bonding of extraneous-conductive-parts (✓)	
Notes:						Method of measurement:	Water service	Gas service
(1) by enquiry							Oil service	Structural steel
(2) by enquiry or by measurement								Lightning protection
(3) by measurement								Other incoming service(s)

* (applicable only where an RCD is used as a main circuit-breaker)

K SCHEDULE OF ITEMS INSPECTED

† See note below

Additional protection

Protective measures against electric shock

Basic and fault protection

Extra low voltage SELV

Double or reinforced insulation

Double or reinforced insulation

Basic protection

Insulation of live parts Barriers or enclosures

Fault protection

Automatic disconnection of supply

- Presence of earthing conductor
- Presence of circuit protective conductors
- Presence of main protective bonding conductors
- Choice and setting of protective devices (for fault protection and/or overcurrent)

Electrical separation

For one item of current-using equipment

Prevention of mutual detrimental influence

- Presence of residual current device(s)
- Presence of supplementary bonding conductors
- Proximity of non-electrical services and other influences
- Segregation of Band I and Band II circuits or Band II insulation used
- Segregation of safety circuits

Identification

- Presence of diagrams, instructions, circuit charts and similar information
- Presence of danger notices
- Presence of other warning notices, including presence of mixed wiring colours
- Labelling of protective devices, switches and terminals
- Identification of conductors

Cables and conductors

- Selection of conductors for current carrying capacity and voltage drop
- Erection methods

Cables and conductors (cont)

- Routing of cables in prescribed zones
- Cables incorporating earthed armour or sheath or run in an earthed wiring system, or otherwise protected against nails, screws and the like
- Additional protection by 30mA RCD (where required, in premises not under the supervision of skilled or instructed persons)
- Connection of conductors
- Presence of fire barriers, suitable seals and protection against thermal effects

General

- Presence and correct location of appropriate devices for isolation and switching
- Adequacy of access to switchgear and other equipment
- Particular protective measures for special installations and locations
- Connection of single-pole devices for protection or switching in line conductors only
- Correct connection of accessories and equipment
- Selection of equipment and protective measures appropriate to external influences
- Selection of appropriate functional switching devices

L SCHEDULE OF ITEMS TESTED

- External earth fault loop impedance, Z_e
- Installation earth electrode resistance, R_A
- Continuity of protective conductors
- Continuity of ring final circuit conductors
- Insulation resistance between live conductors
- Insulation resistance between live conductors and earth
- Polarity
- Earth fault loop impedance, Z_s
- Verification of phase sequence
- Operation of residual current device(s)
- Functional testing of assemblies
- Verification of voltage drop

† See note below

† All boxes must be completed. '✓' indicates that an inspection or a test was carried out and that the result was satisfactory. 'X' indicates that an inspection or a test was carried out and that the result was unsatisfactory. 'N/A' indicates that an inspection or a test was not applicable to the particular installation. 'LIM' indicates that, exceptionally, a limitation agreed with the person ordering the work (as recorded in Section D) prevented the inspection or test being carried out.

