

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

Issued in accordance with *British Standard 7671—Requirements for Electrical Installations* by an Approved Contractor or Conforming Body enrolled with the National Inspection Council for Electrical Installation Contracting, Vintage House, 37 Albert Embankment, London SE1 7UJ.

A DETAILS OF THE CLIENT	
Client / Address:	

B ADDRESS AND DETAILS OF THE INSTALLATION	
Address:	Estimated age of the electrical installation: <input type="text"/> years Evidence of alterations or additions: <input type="text"/> If yes, estimated age: <input type="text"/> years Date of previous inspection: <input type="text"/> Electrical Installation Certificate number of previous Periodic Inspection Report number: <input type="text"/> Records of installation available: <input type="text"/> Records held by: <input type="text"/>

C PURPOSE OF THE REPORT	
Purpose for which this report is required:	

D EXTENT OF THE INSTALLATION AND LIMITATIONS OF THE INSPECTION AND TESTING	
Extent of the electrical installation covered by this report:	Agreed limitations, if any, on the inspection and testing:

E PARTICULARS OF THE APPROVED CONTRACTOR	
Trading Title:	
Address:	
Postcode	
NICEIC Enrolment No (Essential information)	Branch No: (if applicable)

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 <input type="text"/> condition (see H) at the time the inspection was carried out, and that it should be further inspected as recommended (see I).	
INSPECTION, TESTING AND ASSESSMENT BY: Signature: <input type="text"/> Name: (CAPITALS) <input type="text"/> Position <input type="text"/> Date: <input type="text"/>	% (Insert 'a satisfactory' or 'an unsatisfactory', as appropriate) REPORT REVIEWED AND CONFIRMED BY: *See note below Signature: <input type="text"/> Name: (CAPITALS) <input type="text"/> (Registered Qualified Supervisor for the Approved Contractor at E) Date: <input type="text"/>

† 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: 2001, 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 Approved Contractor 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: 2001 (as amended) - Requirements for Electrical Installations (formerly known as the IEE Wiring Regulations).

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). The NICEIC* recommends that you engage the services of an Approved Contractor 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 Contractor or Conforming Body is authorised to issue this NICEIC Domestic Electrical Installation Periodic Inspection Report form.

The report consists of at least three 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 Approved Contractor to which it was supplied by the 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 Approved Contractor 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 Approved Contractor 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 G, 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 Approved Contractor 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 Approved Contractor. If the concerns remain unresolved, the client may make a formal complaint to the NICEIC, for which purpose a standard complaint form is available on request.

The complaints procedure offered by the NICEIC is subject to certain terms and conditions, full details of which are available upon application and from the website[†]. The 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).

**The NICEIC (National Inspection Council for Electrical Installation Contracting) is an independent consumer safety body set up to protect users of electricity against the hazards of unsafe and unsound electrical installations. It is the industry's voluntary electrical safety regulatory body. It is not a trade association. The NICEIC Approved Contractor scheme has been accredited by the United Kingdom Accreditation Service (UKAS) against the requirements of EN 45011 - General requirements for bodies operating product certification systems.*

NICEIC Approved Contractors 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 (formerly the IEE Wiring Regulations), and all electrical installation work carried out by them is required to comply with that standard.

[†] For more further information about electrical safety and how the NICEIC can help you, visit www.niceic.org.uk

G OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations at D:

There are no items adversely affecting electrical safety.

or

The following observations and recommendations are made.

Item No		Code †
1		

Note: If necessary, continue on additional page(s), which must be identified by the Domestic Periodic Inspection Report serial number and page number(s).

† Where observations are made, the inspector will have entered one of the following codes against each observation to indicate the action (if any) recommended:-

1. 'requires urgent attention' or
2. 'requires improvement' or
3. 'requires further investigation' or
4. 'does not comply with BS 7671: 2001 (as amended)'

Please see the reverse of this page for guidance regarding the recommendations.

Urgent remedial work recommended for Items: Corrective action(s) recommended for Items:

H SUMMARY OF THE INSPECTION

General condition of the installation:

Note: If necessary, continue on additional page(s), which must be identified by the Domestic Periodic Inspection Report serial number and page number(s).

Date(s) of the inspection:

Overall assessment of the installation:
(Entry should read either 'Satisfactory' or 'Unsatisfactory')

! NEXT INSPECTION

I/We recommend that this installation is further inspected and tested after an interval of not more than:

(Enter interval in terms of years or months, as appropriate)

provided that any items at G which have been attributed a Recommendation Code 1 (requires urgent attention) are remedied without delay. Items which have been attributed a Recommendation Code 2 or 3 should be actioned as soon as practicable (see G).

J SUPPLY CHARACTERISTICS, EARTHING AND BONDING ARRANGEMENTS

Enter details, as appropriate

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

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

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

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), 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. The NICEIC Approved 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 being remedied without delay (see Section G).

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 improve the safety of the installation to the level provided by the national standard for the safety of electrical installations, BS 7671. The NICEIC Approved 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 NICEIC Approved 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: 2001 (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 NICEIC Approved Contractor issuing this report will be able to provide further advice.

PRELIMINARY

SCHEDULES

K SCHEDULE OF ITEMS INSPECTED

† See note below

<p>Methods of protection against electric shock</p> <ul style="list-style-type: none"> Insulation of live parts, and barriers or enclosures Presence of RCD(s) for supplementary protection against direct contact and/or protection against indirect contact Presence of earthing conductor and circuit protective conductors Presence of main equipotential bonding conductors Presence of supplementary equipotential bonding conductors Class II fixed equipment SELV 	<p>Prevention of mutual detrimental influence</p> <ul style="list-style-type: none"> Proximity of non-electrical services and other influences Segregation of Band I and Band II circuits or Band II insulation used Electrical separation <p>Identification</p> <ul style="list-style-type: none"> Presence of diagrams, instructions, circuit charts and similar information Presence of danger notices Presence of other warning notices 	<p>Identification (cont)</p> <ul style="list-style-type: none"> Labelling of protective devices, switches and terminals Identification of conductors <p>Cables and conductors</p> <ul style="list-style-type: none"> Routing of cables in prescribed zones or within mechanical protection Connection of conductors Erection methods Selection of conductors for current carrying capacity and voltage drop Presence of fire barriers, suitable seals and protection against thermal effects 	<p>General</p> <ul style="list-style-type: none"> 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 phase conductors only Correct connection of accessories and equipment Choice and setting of protective and monitoring devices (for protection against indirect contact and/or overcurrent) Selection of equipment and protective measures appropriate to external influences Selection of appropriate functional switching devices
---	---	---	---

L SCHEDULE OF ITEMS TESTED

† See note below

<ul style="list-style-type: none"> External earth fault loop impedance, Z_e Installation earth electrode resistance, R_A 	<ul style="list-style-type: none"> Continuity of protective conductors Continuity of ring final circuit conductors 	<ul style="list-style-type: none"> Insulation resistance between live conductors Insulation resistance between live conductors and earth Polarity 	<ul style="list-style-type: none"> Earth fault loop impedance, Z_s Operation of residual current device(s) Functional testing of assemblies
--	--	--	---

M CIRCUIT DETAILS

N TEST RESULTS

Circuit number	Circuit designation	Type of wiring (see code)	Reference method (see Appendix 4 of BS 7671)	Number of points served	Circuit conductors: csa		Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices			RCD	Operating current, I _{Δn} (mA)	Maximum Z _s permitted by BS 7671 (Ω)	Circuit impedances (Ω)				Insulation resistance			Polarity	Maximum measured earth fault loop impedance, Z _s (Ω)	RCD operating times					
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type No	Rating (A)				Short-Circuit capacity (kA)	Ring final circuits only (measured end to end)		All circuits (At least one column to be completed)		Phase/Neutral	Phase/Earth			Neutral/Earth	at I _{Δn}	at 5 I _{Δn} (if applicable)			
					r ₁ (Phase)	r _n (Neutral)		r ₂ (cpc)	R ₁ + R ₂	R ₂				(MΩ)	(MΩ)	(MΩ)	(✓)	(ms)	(ms)									
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

O (Other - please state)
H Mineral-insulated cables
G XLP/SWA cables
F PVC/SWA cables
E PVC cables in non-metallic trunking
D PVC cables in metallic trunking
C PVC cables in non-metallic conduit
B PVC cables in metallic conduit
A PVC/PVC cables


Test instruments (serial numbers) used:

Continuity	Insulation resistance	Earth fault loop impedance	RCD	Earth electrode resistance
------------	-----------------------	----------------------------	-----	----------------------------

† 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.

NOTES FOR RECIPIENT
(continued from the reverse of page 1)

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

Where the information provided in this report has been checked, compiled and printed with the aid of a proprietary software package endorsed by the NICEIC, a computer-printed copy of the NICEIC logo  will appear in the box at the top left-hand corner of the front page of the report and on the schedule(s) of test results, together with an indication of the supplier of the software and the software version number. NICEIC-endorsed software embodies a system of checking the completeness and acceptability of the inspection and test results, but it remains the responsibility of the compiler of the report to ensure that the information provided on the report is factual, and that the declaration (in Section F) of the overall condition of the electrical installation to which the report relates is reasonable in all the circumstances.

If no computer-printed copy of the NICEIC logo appears in the boxes, the technical information provided on the report has not been subjected to the automatic checks endorsed by the NICEIC.

SPECIMEN