

PERIODIC INSPECTION REPORT FOR AN ELECTRICAL INSTALLATION

Report Reference:

Issued in accordance with British Standard BS 7671 - Requirements for Electrical Installations

A. DETAILS OF THE CLIENT

Client:	
Address:	

B. PURPOSE OF THE REPORT

The Report must be used only for reporting on the condition of an existing installation.

Purpose for which this report is required:	
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C. DETAILS OF THE INSTALLATION

Installation Address:				
Description of premises:	Domestic <input type="checkbox"/>	Commercial <input type="checkbox"/>	Industrial <input type="checkbox"/>	Other: <input type="text"/>
Estimated age of electrical installation:	<input type="text"/> years	Evidence of alteration or additions:	<input type="checkbox"/>	if yes, estimated age: <input type="text"/> years
Date of previous inspection:	<input type="text"/>			
Records of installation available:	<input type="checkbox"/>	Electrical Installation Certificate No or previous Periodic Inspection Report No:	<input type="text"/>	
Records held by:	<input type="text"/>			

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:	
This inspection has been carried out in accordance with BS 7671: 2008 (IEE Wiring Regulations), 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.	

E. 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 C), 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 F) and the attached schedules (see H), 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 G) at the time the inspection was carried out, and that it should be further inspected as recommended (see I).

INSPECTION, TESTING AND ASSESSMENT BY:

Name:	<input type="text"/>	Position:	<input type="text"/>	Signature:	<input type="text"/>	Date:	<input type="text"/>
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F. OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

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

There are no items adversely affecting electrical safety
or
The following observations and recommendations are made

Item No	Description	Code
1		

One of the following numbers, as appropriate, is to be allocated to each of the observations made above to indicate to the person(s) responsible for the installation the action recommended.

1. 'requires urgent attention' or
3. requires further investigation' or

2. 'requires improvement' or
4. 'does not comply with BS 7671:2008 (as amended)'

This does not imply that the electrical installation inspected is unsafe

Urgent remedial work
recommended for Items:

Corrective action(s)
recommended for Items:

Date(s) of the inspection:

Overall assessment of the installation:

H. SCHEDULES AND ADDITIONAL PAGES

Schedule of Items Inspected and Schedules of Items Tested: Page No 4

Schedule of Circuit Details for the Installation: Page No(s)

Schedule of Test Results for the Installation: Page No(s)

Additional pages, including additional source(s) date sheets: Page No(s)

The pages identified here form an essential part of this report. The report is valid only if accompanied by all the schedules and additional pages identified above.

I. NEXT INSPECTION

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

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

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

J. DETAILS OF THE ELECTRICAL CONTRACTOR

Trading Title:

Address:

Registration Number:

Telephone Number:

Postcode:

K. SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System Type(s)	Number and Type of Live Conductors				Nature of Supply Parameters			Characteristics of Primary Supply Overcurrent Protective Device(s)	
TN-S	<input type="text"/>	ac: <input type="text"/>	dc: <input type="text"/>	<input type="text"/>	Nominal voltage(s): U: <input type="text"/> V U ₀ : <input type="text"/> V	<input type="text"/>	<input type="text"/>	BS(EN): <input type="text"/> Type: <input type="text"/> Rated current: <input type="text"/> A Short-circuit capacity: <input type="text"/> kA	
TN-C-S	<input type="text"/>	1-phase (2 wire): <input type="text"/>	1-phase (3 wire): <input type="text"/>	2 pole: <input type="text"/>	Nominal frequency, f: <input type="text"/> Hz	<input type="text"/>	<input type="text"/>		
TNC	<input type="text"/>	2-phase (3 wire): <input type="text"/>	3-phase (3 wire): <input type="text"/>	3 pole: <input type="text"/>	Prospective fault current, I _{pf} : <input type="text"/> kA	<input type="text"/>	<input type="text"/>		
TT	<input type="text"/>	3-phase (3 wire): <input type="text"/>	3-phase (4 wire): <input type="text"/>	Other: <input type="text"/>	External earth fault loop impedance, Z _e : <input type="text"/> Ω	<input type="text"/>	<input type="text"/>		
IT	<input type="text"/>	Other: <input type="text"/>			Number of supplies: <input type="text"/>	<input type="text"/>	<input type="text"/>		

L. PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of Earthing		Details of Installation Earth Electrode (where applicable)	
Distributor's facility: <input type="text"/>	Type: <input type="text"/>	Location: <input type="text"/>	
Installation earth electrode: <input type="text"/>	Electrode resistance, R _A : <input type="text"/> Ω	Method of measurement: <input type="text"/>	
Maximum Demand (Load): <input type="text"/>		Protective measure(s) against electric shock: <input type="text"/>	
Main Switch or Circuit-Breaker		Earthing and Protective Bonding Conductors	
Type BS(EN): <input type="text"/>	Voltage rating: <input type="text"/> V	Earthing conductor	
Number of poles: <input type="text"/>	Rated current, I _n : <input type="text"/> A	Conductor material: <input type="text"/>	Conductor csa: <input type="text"/> mm ² Continuity check: <input type="text"/>
Supply conductors material: <input type="text"/>	RCD operating current: <input type="text"/> mA	Main protective bonding conductors	
Supply conductors csa: <input type="text"/> mm ²	RCD operating time: <input type="text"/> ms	Conductor material: <input type="text"/>	Conductor csa: <input type="text"/> mm ² Continuity check: <input type="text"/>
		Bonding of extraneous-conductive parts	
		Water service: <input type="text"/>	Oil service: <input type="text"/>
		Gas service: <input type="text"/>	Structural Steel: <input type="text"/>
			Lightning protection: <input type="text"/>
			Other services: <input type="text"/>

SCHEDULE OF ITEMS INSPECTED		Prevention of mutual detrimental influence	
Methods of protection against electric shock		<input type="checkbox"/>	(a) Proximity of non-electrical services and other influences
Basic and fault protection:		<input type="checkbox"/>	(b) Segregation of Band I and Band II circuits or use of Band II insulation
<input type="checkbox"/>	(i) SELV	<input type="checkbox"/>	(c) Segregation of safety circuits
<input type="checkbox"/>	(ii) PELV	Identification	
Double or reinforced insulation:		<input type="checkbox"/>	Presence of diagrams, instructions, circuit charts and similar information
<input type="checkbox"/>	(iii) Double or Reinforced Insulation	<input type="checkbox"/>	Presence of danger notices and other warning notices
Basic protection:		<input type="checkbox"/>	Labelling of protective devices, switches and terminals
<input type="checkbox"/>	(i) Insulation of live parts	<input type="checkbox"/>	Identification of conductors
<input type="checkbox"/>	(ii) Barriers or enclosures	Cables and Conductors	
<input type="checkbox"/>	(iii) Obstacles **	<input type="checkbox"/>	Selection of conductors for current carrying capacity and voltage drop
<input type="checkbox"/>	(iv) Placing out of reach **	<input type="checkbox"/>	Erection methods
Fault protection:		<input type="checkbox"/>	Routing of cables in prescribed zones or within mechanical protection
(i) Automatic disconnection of supply		<input type="checkbox"/>	Cables incorporating earthed armour or sheath, or run within an earthed wiring system, or otherwise adequately protected against nails, screws and the like
<input type="checkbox"/>	Presence of earthing conductor	<input type="checkbox"/>	Additional protection provided by 30mA RCD for cables in concealed walls (where required in premises not under the supervision of skilled or instructed persons)
<input type="checkbox"/>	Presence of circuit protective conductors	<input type="checkbox"/>	Connection of conductors
<input type="checkbox"/>	Presence of main protective bonding conductors	<input type="checkbox"/>	Presence of fire barriers, suitable seals and protection against thermal effects
<input type="checkbox"/>	Presence of earthing arrangements for combined protective and functional purposes	General	
<input type="checkbox"/>	Presence of adequate arrangements for alternative source(s), where applicable	<input type="checkbox"/>	Presence and correct location of appropriate devices for isolation and switching
<input type="checkbox"/>	FELV	<input type="checkbox"/>	Adequacy of access to switchgear and other equipment
<input type="checkbox"/>	Choice and setting of protective and monitoring devices (for fault protection and/or overcurrent protection)	<input type="checkbox"/>	Particular protective measures for special installations and locations
(ii) Non-conducting location **		<input type="checkbox"/>	Connection of single-pole devices for protection or switching in line conductors only
<input type="checkbox"/>	Absence of protective conductors	<input type="checkbox"/>	Correct connection of accessories and equipment
(iii) Earth-free local equipotential bonding **		<input type="checkbox"/>	Presence of undervoltage protective devices
<input type="checkbox"/>	Presence of earth-free local equipotential bonding	<input type="checkbox"/>	Selection of equipment and protective measures appropriate to external influences
(iv) Electrical Separation		<input type="checkbox"/>	Selection of appropriate functional switching devices
<input type="checkbox"/>	Provided for one item of current-using equipment		
<input type="checkbox"/>	Provided for more than one item of current-using equipment **		
Additional protection:			
<input type="checkbox"/>	Presence of residual current device(s)		
<input type="checkbox"/>	Presence of supplementary bonding conductors		
** For use in controlled supervised/conditions only			
SCHEDULE OF ITEMS TESTED		<input type="checkbox"/>	Protection against direct contact by barrier or enclosure provided during erection
<input type="checkbox"/>	External earth fault loop impedance, Z_e	<input type="checkbox"/>	Insulation of non-conducting floors or walls
<input type="checkbox"/>	Installation earth electrode resistance, R_A	<input type="checkbox"/>	Polarity
<input type="checkbox"/>	Continuity of protective conductors	<input type="checkbox"/>	Earth fault loop impedance, Z_s
<input type="checkbox"/>	Continuity of ring final circuit conductors	<input type="checkbox"/>	Verification of phase sequence
<input type="checkbox"/>	Insulation resistance between live conductors	<input type="checkbox"/>	Operation of residual current device(s)
<input type="checkbox"/>	Insulation resistance between live conductors and earth	<input type="checkbox"/>	Functional testing of assemblies
<input type="checkbox"/>	Protection by separation of circuits	<input type="checkbox"/>	Verification of voltage drop

All boxes must be completed. 'tick' indicates that an inspection or test was carried out and that the result was satisfactory. 'X' indicates that 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.

[illegible]

A: PVC/PVC cables	D: PVC cables in metallic trunking	G: XLPE/SWA cables
B: PVC cables in metallic conduit	E: PVC cables in non-metallic trunking	H: Mineral-insulated cables
C: PVC cables in non-metallic conduit	F: PVC/SWA cables	O - Other:

