



ELECTRICAL INSTALLATION CERTIFICATE

(Requirements for Electrical Installations – BS 7671 IET Wiring Regulations)

DETAILS OF THE CLIENT

Client/
Address:

DETAILS OF THE INSTALLATION

Address:

New

Extent of the installation covered
by this Certificate:

An
Addition

An
Alteration

DESIGN

I/We, being the person(s) responsible for the design of the electrical installation (as indicated by my/our signature(s) below, particulars of which are described above, having exercised reasonable skill and care when carrying out the design, hereby Certify that the design work for which I/We have been responsible is, to the best of my/our knowledge and belief, in accordance with BS 7671:2008 amendment except for the departures, if any, detailed as follows:

Details of departures from BS 7671, as amended (Regulations 120.3.120.4)

The extent of liability of the signatory/signatories is limited to the work described above as the subject of this certificate. For the DESIGN of the installation:

** (Where there is divided responsibility for the design)

Signature

Date

Name
(CAPITALS)

Designer 1

Signature

Date

Name
(CAPITALS)

Designer 2 **

CONSTRUCTION

I/We, being the person(s) responsible for the construction of the electrical installation (as indicated by my/our signature(s) below, particulars of which are described above, having exercised reasonable skill and care when carrying out the construction, hereby Certify that the construction work for which I/We have been responsible is, to the best of my/our knowledge and belief, in accordance with BS 7671:2008 amendment except for any departure(s) if any listed below.

Details of departures from BS 7671, as amended (Regulations 120.3.120.4)

The extent of liability of the signatory is limited to the work described above as the subject of this certificate.

For the CONSTRUCTION of the installation:

Signature

Date

Name
(CAPITALS)

Constructor

INSPECTION AND TESTING

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signature(s) below, particulars of which are described above, having exercised reasonable skill and care when carrying out the inspection and testing, hereby Certify that the inspection and testing work for which I/We have been responsible is, to the best of my/our knowledge and belief, in accordance with BS 7671:2008 amendment except for the departures, if any, detailed as follows:

Details of departures from BS 7671, as amended (Regulations 120.3.120.4)

The extent of liability of the signatory is limited to the work described above as the subject of this certificate.

For the INSPECTION AND TESTING of the installation:

Signature

Date

Name
(CAPITALS)

INSPECTOR

Reviewed by

Signature

Date

Name
(CAPITALS)

Qualified
Supervisor

DESIGN, CONSTRUCTION, INSPECTION AND TESTING

* This box is to be completed only where the design, construction, inspection and testing have been the responsibility of one person.

I, being the person responsible for the design, construction, inspection and testing of the electrical installation (as indicated by my signature below), particulars of which are described above, having exercised reasonable skill and care when carrying out the design, construction, inspection and testing, hereby CERTIFY that the inspection and testing work for which I have been responsible is, to the best of my knowledge and belief, in accordance with BS 7671:2008 amendment [] except for the departure(s) is any listed below.

Details of departures from BS 7671, as amended (Regulations 120.3.120.4) []

The extent of liability of the signatory is limited to the work described above as the subject of this certificate. For the DESIGN, CONSTRUCTION, and the INSPECTION AND TESTING of the installation.

Signature		Date	[]	Name (CAPITALS)	[]	INSPECTOR
Reviewed by						
Signature		Date	[]	Name (CAPITALS)	[]	Qualified Supervisor

PATICULARS OF THE ORGANISATION(S) RESPONSIBLE FOR THE ELECTRICAL INSTALLATION

DESIGN (1) Organisation	[]		
Address:	[]	Registration No. (Where appropriate)	[]
		Branch number (If applicable)	[]
DESIGN (2) Organisation	[]		
Address:	[]	Registration No. (Where appropriate)	[]
		Branch number (If applicable)	[]
CONSTRUCTION Organisation	[]		
Address:	[]	Registration No. (Where appropriate)	[]
		Branch number (If applicable)	[]
INSPECTION & TESTING Organisation	[]		
Address:	[]	Registration No. (Where appropriate)	[]
		Branch number (If applicable)	[]

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System Types	Number and types of live conductors				Nature of supply Parameters	
TN-S	A.C.		D.C.		Nominal Voltage U/U _o	Volts
TN-C-S	1-Phase 2 wire	1-Phase 3 wire	2 pole		Nominal Frequency	Hz
TN-C	2-Phase 3 wire		3 pole		Prospective fault current	kA
TT	3-Phase 3 wire	3-Phase 4 wire	Other		External Ze	Ohms
IT	Other				Number of supplies	

CHARACTERISTICS OF THE SUPPLY OVERCURRENT PROTECTIVE DEVICE

Type BS/EN	[]	Nominal current rating	[]	Amps	Short circuit capacity	[]	KA
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PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of earthing

Supplier's facility	<input type="text"/>	Type: (e.g. rods, tape ect)	<input type="text"/>	Location	<input type="text"/>	
Installation earth electrode	<input type="text"/>	Electrode resistance, RA	<input type="text"/>	Ohms	Method of measurement	<input type="text"/>
Maximum Demand (Load) Per phase	<input type="text"/>	Amps	Method of protection against indirect contact			<input type="text"/>

Main Switch or circuit-Breaker

Type BSEN	<input type="text"/>	No. Of poles	<input type="text"/>	Voltage rating	<input type="text"/>	V	Current rating	<input type="text"/>	A	RCD I Δ n	<input type="text"/>	mA	RCD at I Δ n	<input type="text"/>	mS
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Supply conductors

Conductor material	<input type="text"/>	Conductor csa	<input type="text"/>	mm ²
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Earthing conductors

Conductor material	<input type="text"/>	Conductor csa	<input type="text"/>	mm ²	Continuity check	<input type="text"/>	(✓) OK
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Main equipotential bonding conductors

Conductor material	<input type="text"/>	Conductor csa	<input type="text"/>	mm ²	Continuity check	<input type="text"/>	(✓) OK
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Bonding of extraneous conductive parts (✓)

Water service	<input type="text"/>	Gas service	<input type="text"/>	Oil service	<input type="text"/>	Structural steel	<input type="text"/>	Lightning protection	<input type="text"/>	Other services	<input type="text"/>	List in report notes
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COMMENTS ON THE EXISTING INSTALLATION

Additional information and report notes

NEXT INSPECTION

I/We the designer(s), recommend that this installation is further inspected and tested after an interval of not more than

SCHEDULE OF ITEMS INSPECTED

PROTECTIVE MEASURES AGAINST ELECTRIC SHOCK

Basic and fault protection

 SELV

 PELV

Basic protection

 Insulation of live parts

 Barriers and enclosures

 Obstacles

 Placing out of reach

 Double or Reinforced insulation

Fault Protection (Automatic disconnection of supply)

 Presence of earthing conductors

 Presence of circuit protection conductors

 Presence of main equipotential conductors

 Presence of earthing arrangements for combined protective and functional purposes

 Presence of adequate arrangements for alternative sources(s), where applicable

 PELV

 Choice and setting of protective and monitoring devices

Non-conducting location:

 Absence of protective conductors

Earth free equipotential bonding:

 Presence of earth free equipotential bonding conductors

Electrical separation

 for one item of current using equipment

Electrical separation

 for more than one item of current using equipment

Additional protection

 (For use in controlled supervised conditions only)

 Presence of residual current device(s)

 Presence of supplementary bonding conductors

Prevention of mutual detrimental influences

 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 and other warning signs

 Labelling of protective devices, switches and terminals

 Identification of conductors

Cables and conductors

 Selection of conductors for current-carrying capacity and volt drop

 Erection methods

 Routing of cables in prescribed zones

 Cables incorporating earthed armour or sheath or run in an earthed wiring system or protected against nails, screws and the like

 Additional protection by a 30mA for cables concealed in walls (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

 Adequacy of access to switchgear and other equipment

 Presence and correct location of appropriate devices for isolation and switching

 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

 Presence of under voltage protective devices

 Selection of equipment and protective measures appropriate to external influences

 Selection of appropriate functional switching devices

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To indicate that an inspection or test has been carried out and the result is satisfactory

 X

To indicate that an inspection or test has been carried out and the result was unsatisfactory

 LIM

To indicate that an inspection or test has not been carried out following agreed limitations of inspection or testing

 N/A

To indicate the inspection or test is not applicable

 N/V

To indicate that details could not be verified

SCHEDULE OF ITEMS TESTED			
<input type="checkbox"/>	External earth loop impedance, Ze	<input type="checkbox"/>	Basic protection against direct contact by barrier or enclosure provided during erection
<input type="checkbox"/>	Installation earth electrode resistance, Ra	<input type="checkbox"/>	Insulation of non-conducting floors or walls
<input type="checkbox"/>	Continuity of protective conductors	<input type="checkbox"/>	Polarity
<input type="checkbox"/>	Continuity of ring circuit conductors	<input type="checkbox"/>	Earth fault loop impedance Zs
<input type="checkbox"/>	Insulation resistance between live conductors	<input type="checkbox"/>	Verification of phase sequence
<input type="checkbox"/>	Insulation resistance between live conductors and earth	<input type="checkbox"/>	Operation of residual current devices
<input type="checkbox"/>	Protection by separation of circuits	<input type="checkbox"/>	Functional testing of assemblies
		<input type="checkbox"/>	Verification of voltage drop

SCHEDULE OF ADDITIONAL RECORDS (See attached schedule)
Note: Additional page(s) must be identified by the Electrical Installation Certificate serial number and page number(s).
Page No(s) :

TEST INSTRUMENTS USED	
Earth fault loop impedance	
Insulation resistance	
Continuity	
RCD	
Other	

NOTES FOR RECIPIENT

THIS CERTIFICATE IS A VALUABLE DOCUMENT AND SHOULD BE RETAINED FOR FUTURE REFERENCE

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed and inspected and tested in accordance with British Standard 7671 (The IET Wiring regulations).

You should have received an original Certificate and the contractor should have retained a duplicate Certificate. If you were the person ordering the work, but not the owner of the installation, you should pass this Certificate, or a full copy of it including the schedules immediately to the user.

The original certificate should be retained in a safe place and be shown to any person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this Certificate will demonstrate to the new owner that the electrical installation complied with the requirements of British Standard 7671 at the time the Certificate was issued. The Construction (Design and Management) Regulations require that for a project covered by those Regulations, a copy of this Certificate, together with schedules is included in the health and safety documentations.

For safety reasons, the electrical installation will need to be inspected at appropriate intervals by a competent person. The maximum time interval recommended before the next inspection is stated in the Certificate under "Next Inspection."

This Certificate is intended to be issued only for a new electrical installation or for new work associated with an alteration or addition to an existing installation. It should not have been issued for the inspection of an existing electrical installation. A "Periodic Inspection Report" should be issued for such a periodic inspection.

The Certificate is only valid if a Schedule of Inspection of Test Results is appended.

