



ELECTRICAL INSTALLATION CERTIFICATE

Certificate Reference:

000

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

DETAILS OF THE CLIENT

Client Address:

DETAILS OF THE INSTALLATION

Installation

Address:

Extent of the
installation covered
by this certificate:

The Installation is:

New

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 amended to N/A except for the departures, 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:

Name: Position: Signature: Date:

Where there is divided responsibility for the design

Name: Position: Signature: Date:

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 amended to N/A 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 **CONSTRUCTION** of the installation:

Name: Position: Signature: Date:

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 work for which I/we have been responsible is to the best of my/our

knowledge and belief, in accordance with BS 7671: 2008 amended to N/A 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 **INSPECTION AND TESTING** of the installation:

Name: Position: Signature: Date:

DESIGN, CONSTRUCTION, INSPECTION AND TESTING

I/We, being the person(s) responsible for the design, construction, 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 design, construction, inspection and testing, hereby CERTIFY that the said work for which I/We

have been responsible is to the best of my/our knowledge and belief, in accordance with BS 7671: 2008 amended to N/A 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**, the **CONSTRUCTION**, and the **INSPECTION AND TESTING** of the installation:

Name: Position: Signature: Date:

DETAILS OF THE ELECTRICAL CONTRACTOR

DESIGN (1)	Trading Title: SHEPLEY ELECTRICAL SERVICES	Address:	Registration Number:
		Postcode:	Telephone Number:
DESIGN (2)	Trading Title: Same as Above	Address:	Registration Number:
		Postcode:	Telephone Number:
CONSTRUCTION	Trading Title: Same as Above	Address:	Registration Number:
		Postcode:	Telephone Number:
INSPECTION AND TESTING	Trading Title: Same as Above	Address:	Registration Number:
		Postcode:	Telephone Number:

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	ac: <input checked="" type="checkbox"/>	dc: N/A	Nominal voltage(s): U: 400 V U ₀ : 230 V					
TN-C-S	1-phase (2 wire): N/A	1-phase (3 wire): <input checked="" type="checkbox"/>	2 pole: N/A	Nominal frequency, f: 50 Hz	BS(EN):			
TNC	2-phase (3 wire): N/A	3 pole: N/A	Prospective fault current, I _{pf} : kA		Type:			
TT	3-phase (3 wire): N/A	3-phase (4 wire): N/A	Other: N/A	External earth fault loop impedance, Z _e : Ω	Rated current: A			
IT	Other: N/A			Number of supplies: 1	Short-circuit capacity: kA			

PARTICULARS OF INSTALLATION AT THE ORIGIN

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

COMMENTS ON EXISTING INSTALLATION

Note: Enter 'NONE' or, where appropriate, the page number(s) of additional page(s) of comments on the existing installation. None

NEXT INSPECTION

I/We, the designer(s), RECOMMEND that this installation is further inspected and tested after an interval of not more than: 5 Years

SCHEDULE OF ITEMS INSPECTED

Methods of protection against electric shock

Basic and fault protection:

(i) SELV N/A (ii) PELV

Double or reinforced insulation:

N/A (iii) Double or Reinforced Insulation

Basic protection:

(i) Insulation of live parts (ii) Barriers or enclosures

N/A (iii) Obstacles ** N/A (iv) Placing out of reach **

Fault protection:

(i) Automatic disconnection of supply

- Presence of earthing conductor
- Presence of circuit protective conductors
- Presence of main protective bonding conductors
- Presence of earthing arrangements for combined protective and functional purposes
- Presence of adequate arrangements for alternative source(s), where applicable
- N/A FELV
- N/A Choice and setting of protective and monitoring devices (for fault protection and/or overcurrent protection)

(ii) Non-conducting location **

N/A Absence of protective conductors

(iii) Earth-free local equipotential bonding **

N/A Presence of earth-free local equipotential bonding

(iv) Electrical Separation

- Provided for **one item** of current-using equipment
- N/A Provided for **more than one item** of current-using equipment **

Additional protection:

- Presence of residual current device(s)
- Presence of supplementary bonding conductors

** For use in controlled supervised/conditions only

Prevention of mutual detrimental influence

- (a) Proximity of non-electrical services and other influences
- (b) Segregation of Band I and Band II circuits or use of Band II insulation
- (c) Segregation of safety circuits

Identification

- Presence of diagrams, instructions, circuit charts and similar information
- Presence of danger notices and other warning notices
- 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
- Routing of cables in prescribed zones or within mechanical protection
- Cables incorporating earthed armour or sheath, or run within an earthed wiring system, or otherwise adequately protected against nails, screws and the like
- Additional protection provided by 30mA RCD for cables in concealed 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

- 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
- Presence of undervoltage protective devices
- Selection of equipment and protective measures appropriate to external influences
- Selection of appropriate functional switching devices

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
- Protection by separation of circuits
- Protection against direct contact by barrier or enclosure provided during erection
- Insulation of non-conducting floors or walls
- Polarity
- Earth fault loop impedance, Z_s
- Verification of phase sequence
- N/A Operation of residual current device(s)
- Functional testing of assemblies
- Verification of voltage drop

SCHEDULE OF ADDITIONAL RECORDS (See attached schedule)

Note: Additional page(s) must be identified by the Electrical Installation Cert serial and page number(s).

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.

ELECTRICAL INSTALLATION CERTIFICATE

GUIDANCE FOR RECIPIENT (to be appended to the Certificate)

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 (as amended) (The IEE 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 user 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 project health and safety documentation.

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 on Page 1 under 'Next Inspection'.

This Certificate is intended to be issued only for a new electrical installation or 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.

This Certificate is only valid if a Schedule of Inspections and Schedule of Test Results are appended.