

# ELECTRICAL INSTALLATION CERTIFICATE

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations by an Approved Contractor or Conforming Body enrolled with NICEIC, Warwick House, Houghton Hall Park, Houghton Regis, Dunstable, LU5 5ZX

Original (To the person ordering the work)

## DETAILS OF THE CLIENT

Client / Address:  Postcode:  The installation is:

## DETAILS OF THE INSTALLATION

Address:  Postcode:  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 amended to  (date)  except for the departures, if any, detailed as follows:

Details of departures from BS 7671, as amended (Regulations 120.3,133.5):

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:

Signature  Date  Name (CAPITALS)  Designer 1 \*\* (Where there is divided responsibility for the design)

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 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 amended to  (date)  except for the departures, if any, detailed as follows:

Details of departures from BS 7671, as amended (Regulations 120.3,133.5):

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 signatures 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 amended to  (date)  except for the departures, if any, detailed as follows:

Details of departures from BS 7671, as amended (Regulations 120.3,133.5):

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:

Signature  Date  Signature  Date

Name (CAPITALS)  Inspector Name (CAPITALS)  Qualified Supervisor †

## DESIGN, CONSTRUCTION, INSPECTION AND TESTING \*

\* This box 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 said work for which I have been responsible is to the best of my knowledge and belief, in accordance with BS 7671, amended to  (date)  except for the departures, if any, detailed as follows:

Details of departures from BS 7671, as amended (Regulations 120.3,133.5):

The extent of liability of the signatory 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:

Signature  Date  Signature  Date

Name (CAPITALS)  Name (CAPITALS)  Qualified Supervisor ††

† Where the inspection and testing have been carried out by an Approved Contractor, the inspection and testing results are to be reviewed by the registered Qualified Supervisor.  
 †† Where the design, the construction, and the inspection and testing have been the responsibility of one person, the inspection and testing results are to be reviewed by the registered Qualified Supervisor.

**SCHEDULE OF ITEMS INSPECTED**

† See note below

**PROTECTIVE MEASURES AGAINST ELECTRIC SHOCK**

<b>Basic and fault protection</b>			
Extra low voltage			
<input checked="" type="checkbox"/>	SELV	N/A	PELV
Double or reinforced insulation			
<input checked="" type="checkbox"/>	Double or Reinforced Insulation		
<b>Basic Protection</b>			
<input checked="" type="checkbox"/>	Insulation of live parts	<input checked="" type="checkbox"/>	Barriers or enclosures
N/A	Obstacles **	N/A	Placing out of reach **
<b>Fault protection</b>			
Automatic disconnection of supply			
<input checked="" type="checkbox"/>	Presence of earthing conductor		
<input checked="" type="checkbox"/>	Presence of circuit protective conductors		
<input checked="" type="checkbox"/>	Presence of main protective bonding conductors		
<input checked="" type="checkbox"/>	Presence of earthing arrangements for combined protective and functional purposes		
N/A	Presence of adequate arrangements for alternative source(s), where applicable		
<input checked="" type="checkbox"/>	FELV		
<input checked="" type="checkbox"/>	Choice and setting of protective and monitoring devices (for fault protection and/or overcurrent protection)		
Non-conducting location **			
N/A	Absence of protective conductors		
Earth-free equipotential bonding**			
N/A	Presence of earth-free equipotential bonding		
Electrical separation			
<input checked="" type="checkbox"/>	For one item of current using equipment		
N/A	For more than one item of current using equipment**		
<b>Additional protection</b>			
<input checked="" type="checkbox"/>	Presence of residual current device(s)		
<input checked="" type="checkbox"/>	Presence of supplementary bonding conductors		

\*\* for use in controlled supervised/conditions only

**Prevention of mutual detrimental influence**

<input checked="" type="checkbox"/>	Proximity of non-electrical services and other influences
<input checked="" type="checkbox"/>	Segregation of Band I and Band II circuits or Band II insulation used
N/A	Segregation of safety Circuits

**Identification**

<input checked="" type="checkbox"/>	Presence of diagrams, instructions, circuit charts and similar information
<input checked="" type="checkbox"/>	Presence of danger notices and other warning notices
<input checked="" type="checkbox"/>	Labelling of protective devices, switches and terminals
<input checked="" type="checkbox"/>	identification of conductors

**Cables and Conductors**

<input checked="" type="checkbox"/>	Selection of conductors for current carrying capacity and voltage drop
<input checked="" type="checkbox"/>	Erection methods
<input checked="" type="checkbox"/>	Routing of cables in prescribed zones
<input checked="" type="checkbox"/>	Cables incorporating earthed armour or sheath or run in an earthed wiring system, or otherwise protected against nails, screws and the like
<input checked="" type="checkbox"/>	Additional protection by 30mA RCD for cables concealed in walls (where required, in premises not under the supervision of skilled or instructed persons)
<input checked="" type="checkbox"/>	Connection of conductors
<input checked="" type="checkbox"/>	Presence of fire barriers, suitable seals and protection against thermal effects

**General**

<input checked="" type="checkbox"/>	Presence and correct location of appropriate devices for isolation and switching
<input checked="" type="checkbox"/>	Adequacy of access to switchgear and other equipment
<input checked="" type="checkbox"/>	Particular protective measures for special installations and locations
<input checked="" type="checkbox"/>	Connection of single-pole devices for protection or switching in line conductors only
<input checked="" type="checkbox"/>	Correct connection of accessories and equipment
N/A	Presence of undervoltage protective devices
<input checked="" type="checkbox"/>	Selection of equipment and protective measures appropriate to external influences
<input checked="" type="checkbox"/>	Selection of appropriate functional switching devices

**SCHEDULE OF ITEMS TESTED**

† See note below

<input checked="" type="checkbox"/>	External earth fault loop impedance, $Z_e$
N/A	Installation earth electrode resistance, $R_A$
<input checked="" type="checkbox"/>	Continuity of protective conductors
<input checked="" type="checkbox"/>	Continuity of ring final circuit conductors
<input checked="" type="checkbox"/>	Insulation resistance between live conductors
<input checked="" type="checkbox"/>	Insulation resistance between live conductors and Earth
<input checked="" type="checkbox"/>	Protection by separation of circuits

N/A	Basic protection by barrier or enclosure provided during erection
N/A	Insulation of non-conducting floors or walls
<input checked="" type="checkbox"/>	Polarity
<input checked="" type="checkbox"/>	Earth fault loop impedance, $Z_s$
<input checked="" type="checkbox"/>	Verification of phase sequence
<input checked="" type="checkbox"/>	Operation of residual current devices
<input checked="" type="checkbox"/>	Functional testing of assemblies
<input checked="" type="checkbox"/>	Verification of voltage drop

**SCHEDULE OF ADDITIONAL RECORDS\* (See attached schedule)**

Page No(s)

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

† All boxes must be completed. '✓' indicates that an inspection or a test was carried out and that the result was **satisfactory**. 'N/A' indicates that an inspection or a test was **not applicable** to the particular installation

\* Where the electrical works to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such system), this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s).