ELECTRICAL INSTALLATION CERTIFICATE

(Requirements for Electrical Installations – BS 7671 IEE 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 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 of the installation:

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 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 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 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 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**
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/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 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 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**
Signature		**Date**		**Name (CAPITALS)**	**Qualified Supervisor**

PARTICULARS 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	Organisation		
Address:		**Registration No. (Where appropriate)** **Branch number (If applicable)**	

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System Types	**TN-S**	**TN-C-S**	**TN-C**	**TT**	**IT**

Number and types of live conductors			**Nature of supply Parameters**	
A.C.	**D.C.**		**Nominal Voltage U/Uo - Volts**	**Nominal Frequency - Hz**
1-Phase 2 wire	**1-Phase 3 wire**	**2 Pole**	**Prospective fault current - kA**	**External Ze - Ohms**
2-Phase 3 wire				
3-Phase 3 wire				
		3 Pole	**Number of supplies**	
	3-Phase 4 wire			

Other

CHARACTERISTICS OF THE SUPPLY OVERCURRENT PROTECTIVE DEVICE

Type BS/EN	Nominal current rating - Amps	Short circuit capacity - KA

PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of earthing	**Details of installation Earth Electrode (where applicable)**	
Supplier's facility	Type: (e.g. rods, tape ect)	Location
Installation earth electrode	Electrode resistance, RA	Method of measurement
Maximum Demand (Load) Per Phase - Amps	Amps	Method of protection against indirect contact

Main Switch or circuit-Breaker

Type BSEN	No. of poles	Voltage rating - V	Current rating - A	RCD IΔn - mA	RCD at IΔn - mS

Supply conductors	
Conductor material	Conductor csa - mm2

Earthing conductors		
Conductor material	Conductor csa - mm2	☐ Continuity check (√) OK

Main equipotential bonding conductors		
Conductor material	**Conductor csa - mm2**	☐ Continuity check (√) OK

Bonding of extraneous conductive parts (√)

☐ Water service	☐ Gas service	☐ Oil service	☐ Structural steel	☐ Lightning protection	☐ Other services	**List to report notes**

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

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 similar information

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

Presence of circuit protection conductors	**Routing of cables in prescribed zones**
Presence of main equipotential conductors	**Cables incorporating earthed armour or sheath or run in an earthed wiring system or protected against nails, screws and the like**
Presence of earthing arrangements for combined protective and functional purposes	**Additional protection by a 30mA for cables concealed in walls (where required in premises not under the supervision of skilled or instructed persons**
Presence of adequate arrangements for alternative sources(s), where applicable	**Connection of conductors**
PELV	**Presence of fire barriers, suitable seals and protection against thermal effects**
Choice and setting of protective and monitoring devices	**General**
Non-conducting location: Absence of protective conductors	**Adequacy of access to switchgear and other equipment**
Earth free equipotential bonding: Presence of earth free equipotential bonding conductors	**Presence and correct location of appropriate devices for isolation and switching**
Electrical separation for one item of current using equipment	**Particular protective measures for special installations and locations**
Electrical separation for more than one item of current using equipment	**Connection of single pole devices for protection or switching in phase conductors only**
Additional protection (For use in controlled supervised conditions only)	**Correct connection of accessories and equipment**
Presence of residual current device(s)	**Presence of under voltage protective devices**
Presence of supplementary bonding conductors	**Selection of equipment and protective measures appropriate to external influences**
	Selection of appropriate functional switching devices

√	*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

External earth loop impedance, Ze	**Basic protection against direct contact by barrier or enclosure provided during erection**
Installation earth electrode resistance, Ra	**Insulation of non-conducting floors or walls**
Continuity of protective conductors	**Polarity**
Continuity of ring circuit conductors	**Earth fault loop impedance Zs**
Insulation resistance between live conductors	**Operation of residual current devices**
Insulation resistance between live conductors and earth	**Functional testing of assemblies**
Protection by separation of circuits	**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

Instrument Serial No(s)	Continuity
Earth fault loop impedance	RCD
Insulation resistance	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 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 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 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 a 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.

DISTRIBUTION BOARD DETAILS

DB ref.:	Zs at this board (Ω):	Ipf at this board (KA):	Main switch type BSEN reference:	Rating: (Amps)	Supply conductors: (mm2)	Earth: (mm2)

Distribution board location:	Supplied from:	No. Of phases:	Supply protective device type:	Rating: (Amps)

CODES FOR TYPES OF WIRING

A	B	C	D	E	F	G	H
PVC/PVC CABLES	PVC CABLES IN METALLIC CONDUIT	PVC CABLES IN NON-METALIC CONDUIT	PVC CABLES IN METALIC TRUNKING	PVC CABLES IN NON-METALIC TRUNKING	PVC/SWA CABLES	XLPE/SWA CABLES	MINERAL-INSULATED CABLES

O (other please state) _____