Original Certificate | Certificate reference:

ELECTRICAL INSTALLATION CERTIFICATE

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

DETAILS OF THECLIENT

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/Uo		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

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 | Ohms | Method of measurement

Maximum Demand (Load) Per phase | 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 | mm^2

Earthing conductors

Conductor material | Conductor csa | mm^2 | Continuity check ☐ | (✓) OK

Main equipotential bonding conductors

Conductor material | Conductor csa | mm^2 | Continuity check ☐ | (✓) OK

Bonding of extraneous conductive parts (✓)

Water service ☐ | Gas service ☐ | Oil service ☐ | Structural steel ☐ | Lightning protection ☐ | Other services ☐ | List in 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		Prevention of mutual detrimental influences
	Basic and fault protection		Proximity of non-electrical services and other influences
	SELV		Segregation of band I and band II circuits or band II insulation used
	PELV		Segregation of safety circuits
	Basic protection		**Identification**
	Insulation of live parts		Presence of diagrams, instructions, circuit charts and similar information
	Barriers and enclosures		Presence of danger notices and other warning signs
	Obstacles		Labelling of protective devices, switches and terminals
	Placing out of reach		Identification of conductors
	Double or Reinforced insulation		**Cables and conductors**
	Fault Protection (Automatic disconnection of supply)		Selection of conductors for current-carrying capacity and volt drop
	Presence of earthing conductors		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** Adequacy of access to switchgear and other equipment
	Non-conducting location: Absence of protective conductors		Presence and correct location of appropriate devices for isolation and switching
	Earth free equipotential bonding: Presence of earth free equipotential bonding conductors		Particular protective measures for special installations and locations
	Electrical separation for one item of current using equipment		Connection of single pole devices for protection or switching in phase conductors only
	Electrical separation for more than one item of current using equipment		Correct connection of accessories and equipment
	Additional protection (For use in controlled supervised conditions only)		Presence of under voltage protective devices
	Presence of residual current device(s)		Selection of equipment and protective measures appropriate to external influences
	Presence of supplementary bonding conductors		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		Verification of phase sequence
	Insulation resistance between live conductors and earth		Operation of residual current devices
	Protection by separation of circuits		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 Certificate serial number and page number(s).

Page No(s) :

TEST INSTRUMENTS USED

Multi Functional Tester S/N	
Earth fault loop impedance S/N	
Insulation resistance S/N	
Continuity S/N	
RCD S/N	
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 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

Circuit Reference	Circuit designation	Type of wiring	Reference method	Number of points served	Circuit conductors		Max. Disconnection time permitted (s)	Over-current devices			RCD	Maximum permitted Zs Ω	Circuit impedances Ω					Insulation resistance				Polarity	Maximum Measured Zs Ω	RCD	
													Ring final circuits only (Measured end to end)			All circuits (At least one column to be completed)									
					Live (mm^2)	cpc (mm^2)		Type BS EN	Rating (A)	Short circuit capacity (KA)	IΔn mA		r_1	r_n	r_2	$R_1 + R_2$	R_2	Phase /Phase M Ω	Phase /Neutral M Ω	Phase /Earth M Ω	Neutral /Earth M Ω			At IΔn ms	At 5 x IΔn ms

CODES FOR TYPES OF WIRING								
A	B	C	D	E	F	G	H	O (other please state)
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	