ELECTRICAL INSTALLATION CERTIFICATE

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

Client/ Address:						
DETAILS OF THE INSTALLATIO	N					
Address:					New	
Extent of the installation covered by this Certificate:					An Addition	
					An Alteration	
DESIGN						
I/We, being the person(s) responsible for which are described above, having exe for which I/We have been responsible in except for the departures, if any, detailed	rcised reasons, to the bes	nable skill and care v t of my/our knowledg	when carrying ou ge and belief, in	t the design, hereby Cer	tify that the de	sign work
Details of departures from BS 7671, as	•	•	·	as the subject of this see	utificata Fayth	• DESIGN
The extent of liability of the signatory/s of the installation: ** (Where there is divided responsibility)			lescribed above	as the subject of this cei	rtificate. For th	e DESIGN
Signature	Date	,.,	Name (CAPITALS)		Designe	r 1
Signature	Date		Name (CAPITALS)		Designe	r 2 **
CONSTRUCTION						
I/We, being the person(s) responsible particulars of which are described abothat the construction work for which I/7671:2008 amendment except for a	ve, having ex We have bee	kercised reasonable	skill and care wh the best of my/o	nen carrying out the con-	struction, here	by Certify
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This box is to be completed only where the design, construction, DESIGN, CONSTRUCTION, INSPECTION AND TESTING 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. Name **INSPECTOR** Date Signature (CAPITALS) Reviewed by Name Qualified Signature Date (CAPITALS) 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)

Registration No. (Where appropriate)

Branch number (If applicable)

Registration No. (Where appropriate)

Branch number (If applicable)

Registration No. (Where appropriate)

Organisation

CONSTRUCTION Organisation

INSPECTION & TESTING

Organisation

Address:

Address:

Address:

					Branch number (If applicable)
SUPPLY	CHARAC	TERISTICS AN	D EARTHING A	RRANGEMENTS	S
Syster	n Types	Num	ber and types of live	e 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
тт		3-Phase 3 wire	3-Phase 4 wire	Other	External Ze Ohms
ІТ		Other			Number of supplies

CHARACTERISTICS OF THE SUPPLY OVERCURRENT PROTECTIVE DEVICE										
Type BS/EN	Nominal current rating	Amps S	Short circuit capacity	KA						

PARTICULARS OF	INSTALL	ATION AT	THE OF	RIGIN									
Means of earthing			-	Details o	of installation	n Earth El	ectrod	e (where	applic	able)			
Supplier's facility	(e.g.	Typ . rods, tape ed	e:				ation			,			
Installation earth electrode		Electroc resistance, F			Ohms	Meth measure	od of ement						
Maximum Demand (Load) Per phase		Amps			rotection aç	gainst indi con							
			М	ain Swit	ch or circu	it-Breaker							
Type BSEN	No. Of poles	Volt ra	age ting	V	, Current rating		A	RCD I∆n		mA	RCD at l∆n		mS
				Sup	ply conduc	tors							
Co	nductor ma	aterial		Conductor csa mm²									
				Earth	ning condu	ctors							
Conductor mate	rial		Condu	ctor csa		mm²		Con	tinuity	check		(√) OK	
			Main e	quipote	ntial bondii	ng conduc	tors						
Conductor mate	rial		Condu	ctor csa		mm²		Con	tinuity	check		(√) OK	
			Bonding	of extra	neous con	ductive pa	rts (✔)						
Water service s	Gas ervice	servi	Oil ce	St	ructural steel		Light: protec			Othe service		List in i	report
COMMENTS ON TH	IE EXIST	ING INSTA	LLATIC	N									

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

SCHEDUI	LE 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	<u>Cables and conductors</u>
	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
Χ	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 so	hedule)
Note: Additional page(s) must be identified by the Electrical	
Page No(s)	:
TEST INSTRUMENTS USED	
T ઁ æ\$ذ} &æ\$//^• e^¦ÂÛED>	
Earth fault loop impedanceÂJĐ	
Insulation resistanceÂJB>	
Continuity ÂĤĐ	
RCDÁÙED	
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

				Circ condu	uit ctors	(s) p	Over-cur	rent devi	es	RCD			Circuit impedances Ω			Insul	lation r	esistar	ice			RC	D	
Circuit designation	f wiring	e method	oints served	ım²)	ım²)	n time permitte	W W	(4)	apacity (KA)	ηA	ermitted Zs Ω	Ring only (Measure	ed end	(At lea	ist umn e	аѕе М Ω	itral M Ω	th M 🗅	irth M Ω	arity	easured Zs Ω	ms	ın ms
	Type o	Referenc	Number of p	Live (m	cpc (m	//ax. Disconnectio	Type B\$	Rating	Short circuit ca		IΔn mA Maximum perm		r _n	r ₂	R ₁₊ R ₂	R ₂	Phase /Ph	Phase /Neu	Phase /Ear	Neutral /Ea	Pol	Maximum M	At IΔn	At5 x l∆n ms
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	Circuit designation	Circuit designation Apple of wiring	Circuit designation Type of wiring Reference method	Circuit designation Type of wiring Reference method Number of points served	condu		Type of wiring Type of wiring Type of wiring Number of points served Cpc (mm²) Cpc (mm²) Max. Disconnection time permitted (see		Circuit designation Type of wiring Type of wiring Type of wiring Type SEN Type BS EN Type BS EN Rating (A)	Circuit designation Type of wiring Reference method Live (mm²) Cpc (mm²) Cpc (mm²) Cpc (mm²) Cpc (mm²) Cpc (mm²) Aax. Disconnection time permitted (s) Type BS EN Rating (A) Short circuit capacity (KA)	Circuit designation Author Circuit designation Circuit capacity (KA) Circuit capacity (KA)	Circuit designation And the circuit capacity (KA) Circuit capacity (KA)	Circuit designation Type BS EN Type BS E	Circuit designation Appendix Appendix	Circuit designation Circuit designation Circuit designation An An Indian Permitted (A) An Indian Permitted (B) An In	Circuit designation Circuit impedances \(\text{Q} \) Circuit designation Circuit impedances \(\text{Q} \) Circuit impedances \(\	Circuit designation Circuit d	Circuit designation Circuit d	Circuit designation Circuit d	Circuit designation Circuit designation Circuit C	Circuit designation Circuit designation Circuit C	Circuit designation Circuit d	Circuit designation All circuits dall circuits one column to be completed to end to e	Circuit designation All Circuits designation Circuit designation Circ

	CODES FOR TYPES OF WIRING													
Α	В	С	D	E	F	G	Н	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							