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ELECTRICAL INSTALLATION CERTIFICATE				CERTIFICATE NUMBER	
				EIC	
PART 1: CLIENT DETAILS					
Address					
Tel No					
PART 2: INSTALLATION ADDRESS					
Address				New installation	
				An addition	
Tel No				An alteration	
Extent of the installation covered by this certificate				Replacement of a distribution board	
PART 3: FOR DESIGN					
I being the person(s) responsible for the design 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 design hereby CERTIFY that the design work for which I/we have been is to the best of my/our knowledge and belief in accordance with BS7671:2018 as amended to _____ except for the departures, if any, detailed as follows:					
Details of departures from BS 7671 as amended (Regulations 120.3, 133.1.3, 133.5): _____					
The extent of liability of the signatory or the signatories is limited to the work described above as the subject of this Certificate. For the DESIGN of the installation: ** (Where there is a mutual responsibility for the design)					
Signature		Date		Name	
Signature		Date	N/A	Name	N/A
				Designer	
				Designer 2**	
PART 4: FOR CONSTRUCTION					
I being the person(s) responsible for the construction 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 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 BS7671: 2018 as amended to _____ except for the departures, if any, detailed as follows:					
Details of departures from BS 7671 as amended (Regulations 120.3, 133.5): _____					
Details of permitted exceptions (Regulation 411.3.3.) _____					
Where applicable, a suitable risk assessment(s) must be attached to this certificate Risk Assessment Attached: _____					
The extent of the liability of the signatory/signatories is limited to the work described above as the subject of this Certificate. For the CONSTRUCTION of the installation:					
Signature		Date		Name	
				Constructor	
PART 5: FOR INSPECTION AND TESTING					
I 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 knowledge and belief in accordance with BS7671: 2018 as amended to _____, 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 the 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:					
Inspected by:			Reviewed by:		
Signature		Date		Signature	
Name		Inspector		Name	
			Qualified Supervisor		

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PART 6: ORGANISATION(S) RESPONSIBLE FOR THE ELECTRICAL INSTALLATION

Design 1 organisation		Design 2 organisation	
Address		Address	
Postcode	Tel No	Postcode	Tel No
Inspector		Constructor	
Address		Address	
Postcode	Tel No	Postcode	Tel No

PART 7: SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing Arrangements	Number and Type of Live Conductors	Nature of Supply Parameters	Supply Protective Device
TN-C	AC DC -	Nominal Voltages $U/U_o^{(1)}$ 230 V	BS (EN)
TN-S	1-Phase, 2-wire 2-wire -	Nominal frequency, $f^{(1)}$ 50 Hz	Type
TN-C-S	2-Phase, 3-wire 3-wire -	Prospective fault current, $I_{pf}^{(2)*}$ kA	Rated current A
TT	3-Phase, 4-wire 3-Phase, 4-wire -	External earth fault loop impedance, $Z_e^{(2)*}$ Ω	* Where the installation is supplied by more than one source, the higher or highest values of prospective fault current, I_{pf} , and external fault loop impedance, Z_e , must be recorded.
IT	Other Details: -	(Note ⁽¹⁾ by enquiry, ⁽²⁾ by enquiry or by measurement)	
	Confirmation of supply polarity	Phase sequence confirmed (Where appropriate)	
Other sources of supply (as detailed on attached Inspection Schedule)			

PART 8 : PARTICULARS OF THE INSTALLATION REFERRED TO IN THIS CERTIFICATE

Means of Earthing	Details of Installation Earth Electrode (where applicable)		
Distributor's facility	Type – rod(s), tape, etc: -	Location -	
Installation earth electrode	Electrode Resistance, R_A - Ω	Maximum demand (load):	kVA (Select as appropriate)
Main Switch / Switch-Fuse / Circuit Breaker / RCD	Main Protective Conductors		
Location	Earthing Conductor	Main protective bonding conductors: (To extraneous-conductive-parts)	Main Protective Bonding Connections
Type BS(EN)	Voltage rating V	Conductor material Copper	To water installation pipes
No of poles	Current rating A	Conductor csa mm ²	To gas installation pipes
Fuse/device rating or setting	A	Connection / continuity	To oil installation pipes
			Lightning protection
			Other incoming services
Where an RCD is used as the main switch:			If other incoming services (State details):
Rated residual operating current $I_{\Delta n}$ =	mA	Rated time delay	ms
		Measured operating time	ms

PART 9 : COMMENTS ON EXISTING INSTALLATION (In the case of an addition or alteration see Regulation 644.1.2)

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

PART 10: SCHEDULE(S) The attached schedule(s) are part of this document and this Certificate is valid only when they are attached to it.

Page no(s) _____ Schedule(s) of inspections Page no(s) _____ Schedule(s) of circuit and test results for the installation

PART 11: NEXT INSPECTION

I/We, the designers recommend that this installation is further inspected and tested after an interval of not more than _____ **

** The proposed date for the next inspection should take into consideration the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended life. The period should be agreed between relevant parties.

PART 12: SCHEDULE OF INSPECTIONS

CERTIFICATE NUMBER EIC

Insert ✓ to indicate an inspection has been carried out and the result is satisfactory, or N/A to indicate that the inspection is not applicable to a particular item. An entry must be made in every box.

1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY) (An "X" indicates that the Distributor should be notified of any unsatisfactory condition)		5.1	RCDs not exceeding 30 mA operating current (415.1)	
	1.1	Service cable	6.0 OTHER METHODS OF PROTECTION		
	1.2	Service head	6.1	Basic And Fault Protection	Source and associated circuit details
	1.3	Earthing arrangement	6.1a	• SELV (Section 414)	
	1.4	Meter tails	6.1b	• PELV (Section 414)	
	1.5	Metering equipment	6.1c	• Double / Reinforced insulation, (Section 412)	
1.6	Isolator (where present)	<i>When used, provide details on a separate numbered page Page:</i>			
2.0 PARALLEL OR SWITCHED ALTERNATIVE SOURCES OF SUPPLY		7.0 DISTRIBUTION EQUIPMENT			
2.1	Presence of adequate arrangements where generator to operate as a switched alternative (551.6)		7.1	Security of fixing (134.1.1)	
2.1a	• Dedicated earthing arrangement independent of that of the public supply (551.4.3.2.1)		7.2	Insulation of live parts not damaged during erection (416.1)	
2.2 Presence of adequate arrangements where generator to operate in parallel with public supply system: (551.7)		7.3	Adequacy / security of barriers (416.2)		
2.2a	• Correct connection of generator in parallel (551.7.2)		7.4	Suitability of enclosures for IP and fire ratings (416.2; 421.1.6; 421.1.201; 526.5)	
2.2b	• Compatibility of characteristics of means of generation (551.7.3)		7.5	Enclosures not damaged during installation (134.1.1)	
2.2c	• Means to provide automatic disconnection of generator in the event of loss of public supply system or voltage or frequency deviation beyond declared values (551.7.4)		7.6	Presence and effectiveness of obstacles (417.2)	
2.2d	• Means to prevent connection of generator in the event of loss of public supply system or voltage or frequency deviation beyond declared values (551.7.5)		7.7	Presence of main switch(es), linked where required (462.1.201)	
2.2e	• Means to isolate generator from the public supply system 551.7.6)		7.8	Components are suitable according to assembly manufacturer's instructions or literature (536.4.203)	
2.3 Presence of alternative/additional supply warning notices at or near: (514.15)		7.9	Operation of main switch(es) (functional check) (643.10)		
2.3a	• The origin		7.10	Manual operation of circuit-breakers and RCDs to prove functionality (643.10)	
2.3b	• The meter position, if remote from origin		7.11	Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (643.10)	
2.3c	• The consumer unit/distribution board to which the alternative/additional sources are connected		7.12	RCD(s) provided for fault protection where specified (411.4.204; 411.9.2; 531.2)	
2.3d	• All points of isolation of ALL sources of supply		7.13	RCD(s) provided for additional protection, where specified (415.1)	
3.0 AUTOMATIC DISCONNECTION OF SUPPLY		7.14	Confirmation over voltage protection (SPDs) provided where specified (534.4.1.1)		
3.1 Presence and adequacy of protective earthing /bonding arrangements (411.3; Chapter 54)		7.15	Confirmation of indication that SPD is functional (534.4.1.1)		
3.1a	• Distributor's earthing arrangement or Installation earth electrode (where applicable) (542.1.2.1; 542.1.2.2) or installation electrode arrangement (542.1.2.3)		7.16	Presence of RCD quarterly test notice at or near the origin (514.12.2)	
3.1b	• Earthing conductor and connections (Section 526; 542.3; 543.1.1)		7.17	AFDD six-monthly test notice; where required (514.12.2)	
3.1c	• Main protective bonding conductors and connections (Section 526; 544.1; 544.1.2)		7.18	Presence of diagrams, charts or schedules at or near each distribution board, where required (514.9.1)	
3.1d	• Earthing / bonding labels at all appropriate locations (514.13)		7.19	Presence of non-standard (mixed) cable colour warning notice at or near the appropriate distribution board, where required (514.14)	
3.2 Accessibility of		7.20	Presence of next inspection recommendation label (514.12.1)		
3.2a	• Earthing conductor connections		7.21	Presence of other required labelling (Section 514)	
3.2b	• All protective bonding connections (543.3.2)		7.22	Selection of protective device(s) and base(s); correct type and rating (411.3.2; 411.4. .5, .6; Sections 432, 433, 434)	
3.3	FELV - requirements satisfied (411.7; 411.7.1)		7.23	Single-pole protective devices in line conductors only (132.14.1; 530.3.2, 643.6)	
3.4	Reduced low voltage - requirements satisfied		7.24	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)	
4.0 BASIC PROTECTION		7.25	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)		
4.1 Presence and adequacy of protective measures to provide basic protection:		7.26	Confirmation that ALL conductor connections, including connections to busbars are correctly located in terminals and		
4.1a	• Insulation of live parts not damaged during erection (416.1)		7.27	Isolators for every circuit or group of circuits and all items of equipment (462.2)	
4.1b	• Barriers or enclosures (416.2; 416.2.1)		7.28	Adequacy of access and working space for items of electrical equipment including switchgear (132.12)	
4.1c	• Obstacles** (Section 417; 417.2.1; 417.2.2)		8.0 CIRCUITS		
4.1d	• Placing out of reach** (Section 417; 417.3)		8.1	Identification of conductors (514.3.1)	
5.0 ADDITIONAL PROTECTION		8.2	Cables correctly supported throughout their length (522.8.5; 521.10.202)		
5.1	Presence and effectiveness of methods which give both basic and fault protection:		8.3	Examination of cables for signs of mechanical damage during installation (522.6.1; 522.8.1; 522.8.3)	
5.2	Supplementary bonding (Section 415; 415.2)		8.4	Examination of insulation of live parts, not damaged during erection (522.6.1; 522.8.1)	
** For use in controlled supervised/conditions only					

PART 12: SCHEDULE OF INSPECTIONS

CERTIFICATE NUMBER **EIC**

Insert ✓ to indicate an inspection has been carried out and the result is satisfactory, or N/A to indicate that the inspection is not applicable to a particular item. An entry must be made in every box.

8.5	Non-sheathed cables protected by enclosure in conduit ducting or trunking (521.10.1)		9.2	Switching off for mechanical maintenance (Section 464; 537.3.2)	
8.6	Suitability of containment systems (including flexible conduit) (Section 522)		9.2a	• Presence of appropriate devices (464.1; 537.3.2)	
8.7	Correct temperature rating of cable insulation (522.1.1; Table 52.1)		9.2b	• Acceptable location - state if local or remote from equipment in question (537.3.2.4)	
8.8	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation (Section 523)		9.2c	• Capable of being secured in the OFF position (464.2)	
8.9	Adequacy of protective devices: type and fault current rating for fault protection (434.5)		9.2d	• Correct operation verified (functional check) (643.10)	
8.10	Presence and adequacy of circuit protective conductors (411.3.1; 543.1)		9.2e	• The circuit or part thereof to be disconnected, clearly identified by location and/or durable marking (537.3.2.3; 3.2.4)	
8.11	Coordination between conductors and overload protective devices (433.1; 533.2.1)		9.3	Emergency switching/stopping (Section 465; 537.3.3; 537.4)	
8.12	Wiring systems and cable installation methods / practices appropriate to the type and nature of installation and external influences (Section 522)		9.3a	• Presence of appropriate devices (465.1; 537.3.3; 537.4)	
8.13	Cables installed under floors, above ceilings, in walls / partitions, adequately protected against damage (522.6.201, .202, .203, .204)		9.3b	• Readily accessible for operation where danger might occur (537.3.3.6)	
8.13a	• Installed in prescribed zones		9.3c	• Correct operation verified (functional check) (643.10)	
8.13b	• Incorporating earthed armour or sheath, or installed within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like		9.3d	• The installation, circuit or part thereof to be disconnected, clearly identified by location and/or durable marking (537.3.3.6)	
8.14	Provision of additional protection by RCDs having rated residual operating current (I_{Δn}) not exceeding 30 mA		9.4	Functional switching (463.1; 537.3.1)	
8.14a	• For all socket-outlets of rating 32 A or less, unless exempt (411.3.3)		9.4a	• Presence of appropriate devices (537.1.1; 537.3.1.2)	
8.14b	• Supplies for mobile equipment with a current rating not exceeding 32 A for use outdoors (411.3.3)		9.4b	• Correct operation verified (functional check) (537.3.1.1; 537.3.1.2; 643.10)	
8.14c	• For cables installed in walls at a depth of less than 50 mm (522.6.202, .203)		10.0	CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)	
8.14d	• For cables installed in walls/partitions containing metal parts regardless of depth (522.6.202, .203)		10.1	Suitability of equipment in terms of IP rating and fire ratings (416.2; 421.1; 421.201; 526.5)	
8.14d	• For circuits supplying luminaires within domestic (household) premises only. (411.3.4)		10.2	Enclosure not damaged/deteriorated during installation so as to impair safety (134.1.1)	
8.15	Provision of fire barriers, sealing arrangements so as to minimize the spread of fire (Section 527)		10.3	Suitability for the environment and external influences (512.2)	
8.16	Band II cables segregated/separated from Band I cables (528.1)		10.4	Security of fixing (134.1.1)	
8.17	Cables segregated/separated from non-electrical services (528.3)		10.5	Cable entry holes in ceilings above luminaires, sized or sealed so as to restrict the spread of fire (527.2)	
8.18	Termination of cables at enclosures		10.6	Provision of undervoltage protection, where specified (Section 445)	
8.18a	• Connections under no undue strain (522.8.5; 526.6)		10.7	Recessed luminaires (downlighters)	
8.18b	• No basic insulation of a conductor visible outside enclosure (526.8)		10.7a	• Correct type of lamps fitted (559.3.1)	
8.18c	• Connections of live conductors adequately enclosed (526.5)		10.7b	• Installed to minimise build-up of heat (421.1.2; 559.4.1)	
8.18d	• Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)		10.8	Provision of overload protection, where specified (Section 433; 552.1)	
8.19	Suitability of circuit accessories for external influences (512.2)		10.9	Adequacy of working space/accessibility to equipment (132.12; 513.1)	
8.20	Circuit accessories not damaged during erection (134.1.1)		11.0	SPECIAL INSTALLATIONS OR LOCATIONS	
8.21	Single-pole devices for switching in line conductor only (132.14.1, 530.3.3, 643.6)		List below all special Installations or locations which are part of the installation to be verified, and confirm that the additional requirements given in the respective section of Part 4 are fulfilled. (Details must be appended on a separate numbers page. (see PART 13 below)		
8.22	Adequacy of connections, including cpcs, within accessories and at fixed and stationary equipment (Section 526)				
9.0	ISOLATION AND SWITCHING				
9.1	Isolators (462; 537.2)				
9.1a	• Presence and location of appropriate devices (Section 462; 537.2.7)		SCHEDULE OF ITEMS INSPECTED BY		
9.1b	• Capable of being secured in the OFF position (537.3.2.4)		Name		
9.1c	• Correct operation verified (functional check) (643.10)		Signature		
9.1d	• The installation, circuit or part thereof to be disconnected, clearly identified by position and/or durable marking (537.2.7)		Date		
9.1e	• Warning notice posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2)				

PART 13: SCHEDULE OF ADDITIONAL PAGES

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

Page No(s)

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION

CERTIFICATE NUMBER

EIC

To be completed in every case

Complete only if distribution board is not connected directly to the origin of the installation.

Distribution Board (DB) Reference No		Distribution board is supplied from	No of phases	Nominal voltage	230 V
Location		Details of distribution circuit	Associated RCD (if any):		
Z_s at DB	Ω	Overcurrent protective device for the distribution circuit:	Type: BS (EN)		
I_{pr} at DB	kA	Type: BS (EN)	Rating	A	At $I_{\Delta n}$ (mA)
				RCD No of Poles	

CIRCUIT DETAILS

Circuit ref	Circuit description	Type of wiring	Reference method *	Number of points supplied	Circuit conductor size (mm ²)	Max disconnection Time permitted by BS 7671 (s)	Overcurrent protection			RCD/ RCBO	Maximum permitted Z_s^{**} (Ω)
							BS (EN)	Type	Rating (A)		

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* See Table 4A2 of Appendix 4 of BS 7671: 2018

**Where the maximum permitted earth fault loop impedance value stated in Max disconnection time permitted by BS7671 column is not taken from BS 7671, state the source of the data in the appropriate cell in the "Remarks" column.

CODES FOR TYPE OF WIRING	A	B	C	D	E	F	G	H	O Other State type
	Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic/SWA cables	Thermosetting/SWA cables	Mineral insulated cables	

SCHEDULE OF TEST RESULTS

CERTIFICATE NUMBER

EIC

Details of circuits and/or installed equipment vulnerable to damage when testing

TEST INSTRUMENTS USED

Correct supply polarity confirmed
Phase sequence confirmed (where appropriate)

Earth fault loop impedance
Insulation resistance
Continuity

Serial Number

Serial Number

RCD

Multi Functional

Earth electrode resistance

TEST RESULTS

Circuit Ref	Ring final circuit continuity (Ω)			Continuity (Ω)		Insulation resistance			Polarity	Max measured earth fault loop impedance, Z_s (Ω)	RCD		AFDD	Remarks (Continue on a separate sheet if necessary)
	r_1 (line)	r_n (neutral)	r_2 (cpc)	R_1+R_2	R_2	Live-Live (M Ω)	Live-Earth (M Ω)	Test Voltage DC (V)			RCD Disconnection Time (ms)	RCD test button operation (\checkmark)	Manual AFDD test button operation (\checkmark)	

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* (Record lowest value measured - Line/Line if applicable or Line(s)/Neutral)

** (Record lowest value measured – Line(s)/Earth or Neutral/Earth)

Tested by Signature: _____ Name: _____

Position: _____ Date of testing: _____

ELECTRICAL INSTALLATION CERTIFICATE

GUIDANCE FOR RECIPIENTS

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 owner.

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 skilled person or persons, competent in such work. The maximum time interval recommended before the next inspection is stated on Page 2 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 an existing installation. It should not have been issued for a periodic inspection of an existing electrical installation. An "Electrical Installation Condition Report" should be issued for such an inspection.

This certificate is only valid if accompanied by the Schedule(s) of Inspections and the Schedule(s) of Test Results.

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DISTRIBUTION BOARD CHART REFERENCE

Distribution Board (DB) Reference No		Details of circuits and/or installed equipment vulnerable to damage when testing										
Distribution Board Location			Distribution board is supplied from							No of Phases		
Zs at DB		I _{pf} at DB			CONDUCTORS CSA (MM ²)			OVERCURRENT PROTECTIVE DEVICE				MAXIMUM ZS PERMITTED BY BS7671 (Ω)
CIRCUIT REF	DESCRIPTION	WIRING TYPE (SEE CODE BELOW)	REF METHOD	NO OF POINTS SERVED	LIVE	CPC	MAX DISC TIME (S)	BS (EN)	TYPE NO	RATING (A)	SHORT-CIRCUIT CAPACITY (KA)	

CODES FOR TYPE OF WIRING									
A	B	C	D	E	F	G	H	O (Other – please state)	
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non- metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non- metallic trunking	Thermoplastic/ SWA cables	Thermosetting/ SWA cables	Mineral insulated cables		