

ELECTRICAL INSTALLATION CERTIFICATE Requirements For Electrical Installations - BS 7671 IET Wiring Regulations

Certificate Reference:

78563

1 DETAILS OF THE	CLIENT												
Client Address: ~University of Warwick, Estates Office, Porta Cabin, R/O Boiler House, Lord Bhattacharyya Way, Coventry, CV4 7AL													
DETAILS OF THE INSTALLATION     -University of Warwick - Cryfield Cottage 3, Estates Office, Porta Cabin, R/O Boiler House, Lord Bhattacharwa Way, Coventry, CV4,74													
Extent of the installation	All code 2 and E	I remedial work fi	rom FICP no 60		coverniy, cv4 7A	L							
covered by this certificate:			ion to an	404. Altora	tion to an								
The installation is:	New installation	N/A Addit existi	ing installation	N/A Altera existin	ng installatio	n 🖌							
2 DESIGN 1/We 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 responsible is to the best of my/our knowledge and belief in accordance with BS 7671:2018, amended to 2020 except for the departures, if any, detailed as follows. Details of departures from BS 7671 (Regulations 120.3, 133.5): None													
Details of permitted exceptions (Regulations 411.3.3):     Risk assessment attached       None     Risk assessment attached													
The extent of liability of the s	signatory/signatorie	s is limited to the w	ork described abo	ve as the subject of th	nis certificat	э.							
Name: N/A	Position:	N/A	Signature:	N/A	Date:	N/A							
Where there is divided res	ponsibility for the	e design:	0.	N1 / A		N1 / A							
Name: N/A	Position:	N/A	Signature:	IN/A	Date:	N/A							
particulars of which are descr CERTIFY that the construction accordance with BS 7671:20 Details of departures from BS The extent of liability of the s	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 7671:2018, amended to 2020 except for the departures, if any, detailed as follows. Details of departures from BS 7671 (Regulations 120.3, 133.5): None The extent of liability of the signatory/signatories is limited to the work described above as the subject of this certificate.												
Name: N/A	Position:	N/A	Signature:	N/A	Date:	N/A							
<b>INSPECTION AND</b> I/We being the person(s) resignatures below), particulars inspection and testing, hereb my/our knowledge and belief follows. Details of departures from BS The extent of liability of the second the INSPECTION AND	5 INSPECTION AND TESTING 1/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 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 7671:2018, amended to 2020 except for the departures, if any, detailed as follows. Details of departures from BS 7671 (Regulations 120.3, 133.5): None The extent of liability of the signatory/signatories is limited to the work described above as the subject of this certificate												
Name: N/A	Position:	N/A	Signature:	N/A	Date:	N/A							
Report reviewed and confi	irmed by:		U										
Name: N/A	Position:	N/A	Signature:	N/A	Date:	N/A							
<b>DESIGN, CONSTRUCTION, INSPECTION AND TESTING</b> 1/We being the person(s) responsible for the design, construction, 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 design, construction, inspection and testing, 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 7671:2018, amended to 2020 except for the departures, if any, detailed as follows. Details of departures from BS 7671 (Regulations 120.3, 133.5): None The extent of liability of the signatory/signatories is limited to the work described above as the subject of this certificate.													
Name: Danny Allen	Position:	Electrician	Signature:	D.Hler	Date: 2	21/10/2021							
Report reviewed and confi	irmed by:			1. 12		0404055							
Name: Keith Buck	Position:	Qualified Superv	ISOr Signature:	Keith Buck	Date: 2	29/10/2021							
I/We the designer(s). RECO	stod												
		istantation is rai the	inspected and tes	steu -									

8 DETAILS	S OF THE	ELE	CTRICA	AL C	ONTR	АСТО	R										
Design (1)	Trading	Title:	~Norwo	od El	ectrical	(UK) L	td										
Address:	Lockington									tration N plicable)	umber	032788	032788				
	Derl	byshir	e	Post	code:	DE74	2RH		Telep	hone Nu	mber:	0844 800 5	0844 800 5540				
Design (2)	Trading	Title:	Same as	s Abo	ve												
Address:									Reals	tration N	umber						
									(if ap	olicable):							
			Post	-	Telephone Number:												
Construction	Trading	Title:	Same as	s Abo	ve												
Address:								F	Regis (if apj	tration N olicable)	umber						
				Deet	a a d a i				Telep	hone Nu	mber:						
Inspection			-	Post	.code:												
and Testing	Trading	Title:	Same as	s Abo	ve												
Address:								F (	Regis <sup>.</sup> (if apj	tration N plicable)	umber						
								-	Telep	hone Nu	mber:						
				Post	code:												
9 SUPPLY	CHARAC	CTER	ISTICS	AN	DEAR	THIN	g af	RRANG	EME	NTS							
Earthing	Num	ber an	d Type of	Live C	onducto	rs	1	Nature of	f Supp	oly Parar	neters	Supply Prote	ective De	evice			
TN-S N/A	' 1 1-nhase	ac:	~		dc:	N/A	¦ Nor	minal <sub>I</sub>	ı. 40	)0 V Uo	230 V	BS(ENI)	N/V				
	(2 wire):	N/A	(3 wire):	N/A	2 pole	: N/A	¦ volt	tage(s):	<i>.</i>	,	50.11-						
IN-C-S V	(3 wire):	N/A	2 phase		3 pole	: N/A	1 I 1 - 1 F	Nominai fr Prospectiv	reque re fau	ncy, t: It	30 HZ	туре. Г	IN/ V				
TNC N/A	(3 wire):	N/A	(4 wire):	•	Other:	N/A		current, Ip	of:		N/V ka	Rated current:	N/V	A			
tt N/A	¦ Other: ⊢			N/A			, t	external e	dance	ault e, Ze:	N/V Ω	capacity:	N/V	kA			
it N/A	Confirmati	on of s	supply pol	arity:		~		Number of	fsupp	olies:	1	   					
10 PARTIC	ULARS C	FIN	STALLA	<b>ΑΤΙ Ο</b>	N REF	ERRE	ED T	ΟΙΝΤΙ	HE C	CERTIF	ICATE						
Means of Earth Distributor's	ning			0	Details o	f Instal	lation	Earth Ele	ctrod	e (where	applicab	le)					
facility:	V	¦ Typ ' Res	pe: sistance				Lc	ocation: ethod of									
earth electrode:	N/A	to	Earth:		Ω		m	easureme	ent:								
Maximum Dema	and (Load):			Pr	otective	measu	ıre(s)	against e	lectri	c shock:		ADS					
Main Switch / Sv Type	witch-Fuse /	/ Circui	it-Breaker	/ RCE	C		Su	upply			If RCD	main switch:					
BS(EN): 38	71 MCB - 2	2 0	Current ra	ting:	1	00 A	co m	onductors	C	Copper	operat	ing current (l∆n	):	mA			
of poles: 1		F	<sup>-</sup> use/devic or settina:	ce rati	ng 1	00 A	Su	upply			Rated	time delay:		ms			
		١	/oltage ra	ting:	2	230 v	co cs	onductors a:	25	o mm²	Measu time (	red operating at l∆n):		ms			
Earthing and Pro	otective Bon	ding Co	onductors					Bonding	g of e	 xtraneou	is-conduc	tive parts					
Earthing conduc Conductor	tor	CS2	n 16 r	<u>mm</u> 2	continui	ity	/	pipes:	51 1115	lanation	~	pipes:	ation	~			
material:	bonding.com	ductor			verified			To oil in	nstalla	ation		protection:					
Conductor	Conner	auctor	10		continui	tion/ ity		To strue	ctural			To other serv	vice(s):				
material:	Copper	CSa	i: IU r	nm∸	verified			steel:					I/ A				
	NTS ON I	EXIS	TINGI	NST,	ALLAT	ION											
None																	

	PECTION SCHEDULE	
Item No	Description	Outcome
1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)	
1.1	Service cable	LIM
1.2	Service head	~
1.3	Earthing arrangement	~
1.4	Meter tails	~
1.5	Metering equipment	~
1.6	Isolator (where present)	N/A
2.0	PARALLEL OR SWITCHED ALTERNATIVE SOURCES OF SUPPLY	
2.1	Presence of adequate arrangements where generator to operate as a switched alternative (551.6)	:
2.1.1	Dedicated earthing arrangement independent of that of the public supply (551.4.3.2.1)	N/A
2.2	Presence of adequate arrangements where generator to operate in parallel with the public supply (551.7):	system
2.2.1	Correct connection of generator in parallel (551.7.2)	N/A
2.2.2	Compatibility of characteristics of means of generation (551.7.3)	N/A
2.2.3	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)	N/A
2.2.4	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)	N/A
2.2.5	Means to isolate generator from the public supply system (551.7.6)	N/A
3.0	AUTOMATIC DISCONNECTION OF SUPPLY	
3.1	Presence and adequacy of protective earthing/bonding arrangements (411.3; Chapter 54):	
3.1.1	Distributor's earthing arrangement (542.1.2.1; 542.1.2.2), or installation earth electrode arrangement (542.1.2.3)	~
3.1.2	Earthing conductor and connections (Section 526; 542.3; 542.3.2; 543.1.1)	~
3.1.3	Main protective bonding conductors and connections (Section 526; 544.1; 544.1.2)	~
3.1.4	Earthing/bonding labels at all appropriate locations (514.13)	~
3.2	Accessibility of:	
3.2.1	Earthing conductor connections	~
3.2.2	All protective bonding connections (543.3.2)	~
3.3	FELV – requirements satisfied (411.7; 411.7.1)	N/A
4.0	BASIC AND FAULT PROTECTION (where used, confirmation that the requirements are satisfied)	
4.1	SELV (Section 414)	N/A
4.2	PELV (Section 414)	N/A
4.3	Double insulation (Section 412)	N/A
4.4	Reinforced insulation (Section 412)	N/A
5.0	BASIC PROTECTION	
5.1	Insulation of live parts (416.1)	~
5.2	Barriers or enclosures (416.2; 416.2.1)	~
5.3	Obstacles (Section 417; 417.2.1; 417.2.2)	~
5.4	Placing out of reach (Section 417; 417.3)	~
6.0	FAULT PROTECTION	
6.1	Non-conducting location (418.1)	~
6.2	Earth-free local equipotential bonding (418.2)	~
6.3	Electrical separation (Section 413; 418.3)	~

This form is based on the model shown in Appendix 6 of BS 7671:2018.

13 INS	PECTION SCHEDULE (CONTINUED)	
Item No	Description	Outcome
7.0	ADDITIONAL PROTECTION	
7.1	RCDs not exceeding 30mA as specified (415.1)	~
7.2	Supplementary bonding (Section 415; 415.2)	~
8.0	DI STRI BUTI ON EQUI PMENT	
8.1	Security of fixing (134.1.1)	~
8.2	Insulation of live parts not damaged during erection (416.1)	~
8.3	Adequacy/security of barriers (416.2)	~
8.4	Suitability of enclosures for IP and fire ratings (416.2; 421.1.6; 421.1.201; 526.5)	~
8.5	Enclosures not damaged during installation (134.1.1)	~
8.6	Presence and effectiveness of obstacles (417.2)	~
8.7	Components are suitable according to manufacturers assembly instructions or literature (536.4.203)	~
8.8	Presence of main switch(es), linked where required (462.1.201)	~
8.9	Operation of main switch(es) (functional check) (643.10)	~
8.10	Manual operation of circuit-breakers and RCDs to prove functionality (643.10)	~
8.11	Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (643.10)	~
8.12	RCD(s) provided for fault protection, where specified (411.4.204; 411.5.2; 531.2)	N/A
8.13	RCD(s) provided for additional protection, where specified (415.1)	~
8.14	Confirmation overvoltage protection (SPDs) provided where specified (534.4.1.1)	~
8.15	Presence of RCD six-monthly test notice at or near the origin (514.12.2)	~
8.16	Presence of diagrams, charts or schedules at or near each distribution board, where required (514.9.1)	~
8.17	Presence of non-standard (mixed) cable colour warning notice at or near the appropriate distribution board, where required (514.14)	~
8.18	Presence of alternative supply warning notice at or near (514.15):	
8.18.1	The origin	N/A
8.18.2	The meter position, if remote from origin	N/A
8.18.3	The distribution board to which the alternative/additional sources are connected	N/A
8.18.4	All points of isolation of ALL sources of supply	N/A
8.19	Presence of next inspection recommendation label (514.12.1)	N/A
8.20	Presence of other required labelling (Section 514)	N/A
8.21	Selection of protective device(s) and base(s); correct type and rating (411.3.2; 411.4, .5, .6; Sections 432, 433, 434)	N/A
8.22	Single-pole protective devices in line conductors only (132.14.1; 530.3.3; 643.6)	N/A
8.23	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)	N/A
8.24	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)	N/A
8.25	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	N/A
9.0	CIRCUITS	
9.1	Identification of conductors (514.3.1)	~
9.2	Cables correctly supported throughout (522.8.5; 521.10.202)	~
9.3	Examination of cables for signs of mechanical damage during installation (522.6.1; 522.8.1; 522.8.3)	~
9.4	Examination of insulation of live parts, not damaged during erection (522.6.1; 522.8.1)	~
9.5	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	~

14 INS	PECTION SCHEDULE (CONTINUED)	
Item No	Description	Outcome
9.6	Suitability of containment systems (including flexible conduit) (Section 522)	~
9.7	Correct temperature rating of cable insulation (522.1.1; Table 52.1)	~
9.8	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	~
9.9	Adequacy of protective devices: type and fault current rating for fault protection (434.5)	~
9.10	Presence and adequacy of circuit protective conductors (411.3.1; 543.1)	~
9.11	Coordination between conductors and overload protective devices (433.1; 533.2.1)	~
9.12	Wiring systems and cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522)	~
9.13	Cables concealed under floors, above ceilings, in walls/partitions, adequately protected against damage (522.6.201, 522.6.202, 522.6.203, 522.6.204)	~
9.14	Provision of additional protection by RCDs having rated residual operating current (In) not exceed 30mA:	ding
9.14.1	For all socket-outlets of rating (32A) or less, unless exempt (411.3.3)	~
9.14.2	Supplies for mobile equipment not exceeding 32A rating for use outdoors (411.3.3)	~
9.14.3	For cables concealed in walls at a depth of less than 50mm (522.6.202, .203)	~
9.14.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.202; .203)	~
9.14.5	Circuits supplying luminaires within domestic (household) premises (411.3.4)	~
9.15	Provision of fire barriers, sealing arrangements so as to minimize the spread of fire (Section 527)	~
9.16	Band II cables segregated/separated from Band I cables (528.1)	~
9.17	Cables segregated/separated from non-electrical services (528.3)	~
9.18	Termination of cables at enclosures (Section 526):	
9.18.1	Connections under no undue strain (522.8.5; 526.6)	~
9.18.2	No basic insulation of a conductor visible outside enclosure (526.8)	~
9.18.3	Connections of live conductors adequately enclosed (526.5)	~
9.18.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	~
9.19	Suitability of circuit accessories for external influences (512.2)	~
9.20	Circuit accessories not damaged during erection (134.1.1)	~
9.21	Single-pole devices for switching or protection in line conductors only (132.14.1, 530.3.3; 643.6)	~
9.22	Adequacy of connections, including cpcs, within accessories and at fixed and stationary equipment (Section 526)	~
10.0	ISOLATION AND SWITCHING	
10.1	Isolators (462; 537.2):	
10.1.1	Presence and location of appropriate devices (Section 462; 537.2.7)	~
10.1.2	Capable of being secured in the OFF position (537.2.4)	~
10.1.3	Correct operation verified (functional check) (643.10)	~
10.1.4	The installation, circuit or part thereof that will be isolated clearly identified by location and/or durable marking (537.2.7)	~
10.1.5	Warning notice posted in situation where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2)	~
10.2	Switching off for mechanical maintenance (Section 464; 537.3.2):	
10.2.1	Presence of appropriate devices (464.1; 537.3.2)	~
10.2.2	Acceptable location - state if local or remote from equipment in question (537.3.2.4)	~
10.2.3	Capable of being secured in the OFF position (464.2)	~
10.2.4	Correct operation verified (functional check) (643.10)	~
10.2.5	The circuit or part thereof to be disconnected clearly identified by location and/or durable marking (537.3.2.3; 537.3.2.4)	~
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Item No         Outcome         Outcome           10.3.         Emergency switching/stopping (Section 4.65: 537.3.3; 537.4):         Image: Section 4.2000 (Section 4.65: 537.3.3; 537.4)         Image: Section 4.2000 (Section 4.65: 537.3.3; 537.4)           10.3.1.         Presence of appropriate devices (465.1: 537.3.3; 537.4)         Image: Section 4.2000 (Section 4.2000 (Section 4.25)         Image: Section 4.2000 (Section 4.2000 (Section 4.25)         Image: Section 4.2000 (Section 4.2000 (Section 4.25)         Image: Section 4.2000 (Section 4.	15 INS	PECTION SCHEDULE (CONTINUED)	
10.3Emergency switching/stopping (Section 465: 537.3 : 537.4):10.3.1Presence of appropriate devices (465.1; 537.3.3; 537.4)✔10.3.2Readily accessible for operation where dranger might occur (537.3.3.6)✔10.3.3Corract operation verified (functional check) (643.10)✔10.4Functional awitching (463.1; 537.3.1);✔10.4Functional awitching (463.1; 537.3.1);✔10.4Functional awitching (463.1; 537.3.1);✔10.4Correct operation verified (functional check) (637.3.1.1; 537.3.1.2; 643.10)✔11.0CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)✔11.1Suitability of equipment in terms of IP and fire ratings (416.2; 421.1; 421.1.201; 526.5)✔11.2Enclosure not damaged/deteroated during installation so as to impair safety (134.1.1)✔11.3Suitability for the environment and external influences (512.2)✔11.4Saccurity of fixing (134.1.1)✔11.5Cable entry holes in cellings above luminaires, sized or sealed so as to restrict the spread of fire (527.2)✔11.4Receased luminaires (downlightera):✔11.5Cable entry holes in cellings above luminaires, sized or sealed so as to restrict the spread of fire (527.2)✔11.8Correct type of lamps litted (597.3.1)✔12.4Adducury of working space/accessibility to equipment (132.12; 513.1)✔13.5Adequery of working space/accessibility to equipment (132.12; 513.1)✔14.6Provision of undervoltage (V) circuits by RCD not oxceeding 30mA (701.411.3.3	Item No	Description	Outcome
10.3.1     Presence of appropriate devices (46.5.1: 537.3.3: 537.4)     Image: Comparison of Comparison where danger might occur (537.3.3.6)       10.3.2     Center operation werrited (functional check) (48.10)     Image: Comparison of	10.3	Emergency switching/stopping (Section 465; 537.3.3; 537.4):	
10.3.2Readily accessible for operation where danger might occur (537.3.3.6)Image: constraint operation worlfied (functional check) (643.10)10.3.3The installation, circuit or part thereof to be disconnected clearly identified by location and/or durable10.4.4Functional switching (347.3.3.6)10.4.7Presence of appropriate devices (327.3.1; 537.3.1.2)10.4.1Presence of appropriate devices (537.3.1; 537.3.1.2)10.4.2Correct operation verified (functional check) (537.3.1.1; 537.3.1.2; 643.10)10.4.3Currect operation verified (functional check) (537.3.1.1; 537.3.1.2; 643.10)11.0CURRENT-USING EOUIPMENT (PERMANENTLY CONNECTED)11.1.0Currect operation verified (functional check) (537.3.1.1; 537.3.1.2; 643.10)11.2Enclosure not damaged/deteriorated during installations on as to impair safety (134.1.1)11.3Suitability for the environment and external influences (512.2)11.4Security of fixing (134.1.1)11.5Cable entry holes in cellings above luminalres, sized or sealed so as to restrict the spread of fire11.6Provision of undervoltage protection, where specified (Section 443: 552.1)11.7Provision of overload protection, where specified (Section 433: 552.1)11.8Recessed luminaires (downlighters):11.9Adequacy of working space/accessibility to equipment (132.12; 513.1)12.0LOCATION(S) CONTAINING A BATH OR SHOWER (SECTION 701)12.1Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3)12.2Where used as a protective measure, requirements for SELV or PELV met (701.414.	10.3.1	Presence of appropriate devices (465.1; 537.3.3; 537.4)	~
10.3.3Correct operation verified (functional check) (643.10)Image of the installation, circuit or part thereof to be disconnected clearly identified by location and/or durable10.4.1The installation, circuit or part thereof to be disconnected clearly identified by location and/or durableImage of the installation, circuit or part thereof to be disconnected clearly identified by location and/or durable10.4.2Functional switching (463.1; 537.3.1);Image of the installation, circuit or part of the disconnected clearly identified by location and/or durable10.4.2Correct operation verified (functional check) (537.3.1.1; 537.3.12)Image of the installation, circuit or part of the disconnected (537.3.1.1; 537.3.1.2)10.4.2Correct operation verified (functional check) (537.3.1.1; 537.3.1.2)Image of the installation of the disconnected during installation so as to impair safety (134.1.1)11.3Suitability for the environment and external influences (512.2)Image of the environment and external influences (512.2)11.4Becurity of fixing (134.1.1)Image of the environment and external influences (512.2)Image of the environment and external influences (512.2)11.4Recessed luminations (downlighters);Image of the environment and external influences (512.2)Image of the environment and external influences (512.2)11.5Cable entry holes in cellings above luminates, sized or sealed so as to restrict the spread of fire (527.2)Image of the environment and external influences (512.2)11.6Recessed luminations (downlighters);Image of the environment and external influences (512.2)Image of the environment and external influences (512.1)11.8.1Correc	10.3.2	Readily accessible for operation where danger might occur (537.3.3.6)	~
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13.0         PART 7 SPECIAL INSTALLATIONS OR LOCATIONS           13.1         N/A         N/A           13.2         N/A         N/A           13.3         N/A         N/A	12.8	Suitability of current-using equipment for particular position within the location (701.55)	~
13.1         N/A         N/A           13.2         N/A         N/A           13.3         N/A         N/A	13.0	PART 7 SPECIAL INSTALLATIONS OR LOCATIONS	
13.2         N/A         N/A           13.3         N/A         N/A	13.1	N/A	N/A
13.3 N/A N/A	13.2	N/A	N/A
	13.3	N/A	N/A

All boxes must be completed. 'tick' indicates that an inspection or test was carried out and that the result was satisfactory. 'X' indicates than an inspection or test was carried out and the result is not satisfactory. 'N/A' indicates that an inspection or test was not applicable to the particular installation. 'LIM' indicates that, exceptionally, a limitation agreed with the person ordering the work prevented the inspection or test being carried out.

This form is based on the model shown in Appendix 6 of BS 7671:2018.

Distr	ibution board designation	)1-138-00-002-DB1 (MK Sentry)							Lo	catio	n:	Ground Floor Bottom Of Stairs															
				_		Circ condu	ctors:	S7671	Overcurr d	ent p levice	rotecti s	ve	RCD	S7671		Circuit im	pedance	s (Ohms	5)	lr re	nsulation esistance			sured	RCD	А	FDD
t number hase	Circuit designati	on	f wiring	nce Method	r of served	Live	cpc cpc	itted by B	BS(EN)	No	D.	acity	ating ent, I∆n	mum Z <sub>S</sub> nitted by BS	Ring f (meas	inal circui ured end	ts only to end)	All ci (one co be com	rcuits plumn to ppleted)	- Live	- Earth	voltage	lity	mum meas n fault loop edance Zs	onnection hutton	ation	button ation
Circui and pl			Type o	Referei	Numbe	mm <sup>2</sup>	mm <sup>2</sup>	s perm		Type	> Ratir	kA Capa	Dper Curre	δ Derm	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	R <sub>1</sub> +R <sub>2</sub>	R <sub>2</sub>	Γ ΩM	Γive DM	< Test	Polar	δ mpe impe	us Disco time Test		<ul> <li>lest</li> <li>oper</li> </ul>
4	RFC - Downstairs		A	100	10	2.5	1.5 C	).4	60898	В	32	10	30	1.10	0.60	0.60	0.92	0.57			>999	500	~	0.77	7	~	
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	A S EOP Thermoplastic	B		Th	C D D					E			lastic		F			G		Н				O - Oth	ner		
TYP	E OF insulated/sheathed RING cables	cables in metallic condui	it	nonm	cables netallic	in conduit	t n	cables in metallic trunking nor				cables in ionmetallic trunking			/SWA cables			Thermosetting /SWA cables			Mineral insulated cables			N/A			
17 <u> </u>	BOARD CHARACTER	RISTICS																									
	LIES WHEN THE BOARD		JNECTED TO THE ORIGIN OF THE IN Fod From Submain 1 5 1 1					INSTALLATION			N N	1					Cont	firmatio	upply polority				/				
Overcu	urrent protective device	BS(FN)	10	38	71 M	CB -				Ra	tina.	nuse	,3.	100	A	Iominal	23	0 v	761	minatio			In	.y.		0.6	3 kA
for the	e distribution circuit:	BS(EN):			610	02 08 R	CD	-		No	of p	oles:		2	N V	oltage: ?ating:	30	mA	Zs. Disc	onnectio	on 35	5 ms	Disconr		ection	7	ms
18/	FTALLS OF TEST L	NSTRUME	NTS																time	<u>at In:</u>			<u>tir</u>	<u>ne at 5</u>	<u>iln:</u>		
Deta	ils of Test Instruments us	ed (state seria	al and	d/or a	isset	numb	ers):																				
Multi-f	unctional:	101	1750	951			Ins	Insulation resistance:			e:					-			Сс	ontinuity	/:			-			
Earth	electrode resistance:		-				Ear	th fa	ault loop	imp	edan	ice:				-			RC	CD:				-			
19 T	ESTED BY	thorpo		Dociti	on:			E14	octricion	2				Signe	tura			ΛΛ	A-			Det	to	20	10/2	001	
- Malli	e. raui spiing	uiuipe		FUSILI	UII.			E16	CUIUdi	1				Signa	ture.			1 Anto				Dat	ie.	20	/10/2	UZ I	

## ELECTRICAL INSTALLATION CERTIFICATE GUIDANCE FOR RECIPIENTS

(to be appended to the Certificate)

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 (as amended) (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 user 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. 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 competent person. The maximum time interval recommended before the next inspection it stated on Page 1 under 'Next Inspection'.

This Certificate is intended to be issued only for a new electrical installation or new new work associated with an alteration or addition to an existing installation. It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such an inspection.

This Certificate is only valid if a Schedule of Inspections and Schedule of Test Results are appended.