## ELECTRICAL INSTALLATION CERTIFICATE Requirements For Electrical Installations - BS 7671

2023-0573 Certificate Number:

-		$\sim$	$\sim$ $\sim$	_	IF C		_
 ⊢ । /	<b>\ I   I</b>	_	/ NE			$ \sim$	
 1 1 <i>F</i>	~ I I	. ) \	C ZI			1 1 1	

Client Address: WESSEX RFCA, MOUNT HOUSE, MOUNT STREET, TAUNTON, TA1 3QE

#### DETAILS OF THE INSTALLATION

ST AUSTELL PLATOON, SOUTH STREET, ST AUSTELL, -, PL25 5BH Installation Address:

Extent of the installation

COVERS THE REMEDIAL WORKS CARRIED OUT AFTER THE INSTALLATION CONDITION REPORT. REF 2023-0564

covered by this certificate:

The installation is:

Addition to an N/A New installation existing installation Alteration to an

existing installation

### 3 DESIGN

I/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 2022 except for the departures, if any, detailed as follows.

Details of departures from BS 7671 (Regulations 120.3, 133.5):

Details of permitted exceptions (Regulations 411.3.3):

Risk assessment attached

N/A

N/A

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: Date: 28/07/2023 Position: Signature:

Where there is divided responsibility for the design:

Name. Position: Signature: Date: 28/07/2023

#### CONSTRUCTION

I/We 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 BS 7671:2018, amended to 2022 except for the departures, if any, detailed as follows.

Details of departures from BS 7671 (Regulations 120.3, 133.5):

The extent of liability of the signatory/signatories is limited to the work described above as the subject of this certificate.

For the CONSTRUCTION of the installation:

Name: Position: Signature: Date: 28/07/2023

#### INSPECTION AND TESTING

I/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 2022 except for the departures, if any, detailed as

Details of departures from BS 7671 (Regulations 120.3, 133.5): N/A

The extent of liability of the signatory/signatories is limited to the work described above as the subject of this certificate.

For the INSPECTION AND TESTING of the installation:

Date: 28/07/2023 Name: Position: Signature:

Report reviewed and confirmed by:

Date: 28/07/2023 Name. Signature: Position:

#### DESIGN, CONSTRUCTION, INSPECTION AND TESTING

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 2022 except for the departures, if any, detailed as follows.

N/A Details of departures from BS 7671 (Regulations 120.3, 133.5):

The extent of liability of the signatory/signatories is limited to the work described above as the subject of this certificate.

For the DESIGN, the CONSTRUCTION, and the INSPECTION AND TESTING of the installation:

Name: MR S. GILBERT Position: **ELECTRICIAN** Signature: Date: 20/07/2023

Report reviewed and confirmed by:

Name: MR P. EDDY QUALIFIED SUPERVISOR Date: 28/07/2023 Position: Signature:

#### NEXT INSPECTION

I/We the designer(s), RECOMMEND that this installation is further inspected and tested 5 Years after an interval of not more than:

	S OF THE					₹					
Design (1)		tle: DAVE	Y & GII	LBERT LT	ΓD						
Address:	UNIT 1 PENS ROSPEATH I		AL EST <i>A</i>	ATE				ration Nur licable):	mber	022449	
	CROWLAS, P	PENZANCE					Teleph	one Num	oer:	01736 33274	49
			Pos	stcode:	TR20	8DU					
Design (2)	Trading Ti	tle:									
Address:								ation Nur licable):	mber		
							Teleph	one Numl	oer:		
			Pos	stcode:							
Constructio	n Trading Ti	tle:									
Address:							Registr	ation Nur	mber		
								licable):			
							Teleph	one Numi	oer:		
			Pos	stcode:							
Inspection and Testing	Trading Ti	tle:									
Address:								ation Nur	mber		
							Teleph	one Numl	oer:		
			Pos	stcode:			·				
9 SUPPLY	Y CHARACT	FRISTI	CS AN	D FART	THING	G ARR	ANGEMEN	NTS			
Earthing	I I Numb	er and Type				T.	ure of Supply		ers '	Supply Protect	tive Device
Arrangements TN-S: N/A		1-phase	21/2	2-phase	N/A	1	al voltage,			BS (EN):	LIM
	1	(2-wire): 3-phase	21/2	(3-wire): 3-phase		U/Uo:		_	i		
TN-C-S:	-	(3-wire):		(4-wire):	/	I .	al frequency,	f: 50	) Hz ı	Type:	LIM
TNC: N/A	DC: N/A	2-wire:	N/A	3-wire:	N/A	curren	ctive fault t, lpf:	2.3	S5 kA	Rated current:	LIM A
TT: N/A	Other:		N/A				al earth fault npedance, Ze		16 Ω		
IT: N/A	Confirmatio	n of supply	polarity	<b>/</b> :	~	i i	· er of supplies		1		
10 PARTIC	CULARS OF	INSTAI	LATIO	ON RFF	FRRF	р то	N THE RI	FPORT			
Means of Eart							th Electrode		pplicab	le)	
Distributor's facility:	<b>✓</b>	Type:		N/A		Locat				N/A	
Installation earth electrode	N/A	Resistand	ce to Ear	th: N	Ι/Α Ω	Metho meas	od of urement:			N/A	
		00.4									
Maximum Dem	ıand (Load): 	80 Ai									
Main Switch / S											
Location:	11	NTAKE PO	SITION			BS (EN	1): 60947-	-3 Isolato	or	Number of poles:	3
Current rating:	125 A	Fuse/dev	ice ratin	g or settir	ng:	-	A Voltage	e rating:	41	5 v	
If RCD main sw	vitch:	5					Data dathara			N.A	
RCD Type:	N/A	Rated res	-	perating	N/A	mA	Rated time delay:	N/A	ms	Measured operating time:	N/A ms
Earthing and Pi	otective Bondi	ng Conduct	ors			Е	onding of ex	traneous-	conduc	tive parts	
Earthing condu Conductor				Connecti continuit			o water insta ipes:	allation	~	To gas installa pipes:	ition N/A
material:	Copper	csa: 16	5 mm <sup>2</sup>	verified:	, v		o oil installat	tion	N/A	To lightning	N/A
Main protective	bonding cond	uctors		Connecti		þ	ipes:		14/ 🔼	protection: To other servi	
Conductor material:	Copper	csa: 10	) mm <sup>2</sup>	continuit verified:	v	/	o structural teel:		N/A	N/	

COMMENTS ON EXISTING INSTALLATION  EE RECENT EICR	
EE RECENT EICR	

12 SCH	EDULE OF INSPECTIONS	
Item No	Description	Outcome
1.0	Condition of consumer's intake equipment (visual inspection only)	Pass
2.0	Parallel or switched alternative sources of supply	Pass
3.0	Protective measure: Automatic disconnection of supply	Pass
4.0	Basic protection	Pass
5.0	Protective measures other than ADS	Pass
6.0	Additional protection	Pass
7.0	Distribution equipment	Pass
8.0	Circuits (Distribution and Final)	Pass
9.0	Isolation and switching	Pass
10.0	Current-using equipment (permanently connected)	Pass
11.0	Identification and notices	Pass
12.0	Location(s) containing a bath or shower	N/A
13.0	Other special installations or locations	N/A
14.0	Prosumer's low voltage electrical installation(s)	N/A

All boxes must be completed. 'Pass' indicates that an inspection or test was carried out and that the result was satisfactory. 'Fail' 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.

C	DISTRIBUTION	BOARD	DETA	AI LS																										
DB r	eference:		D.B.	1				Lo	cation:			INTA	AKE L	OCATIO	N			Supp	olied	from	:				ORI	GIN				
Distrib	ution circuit OCPD:	BS (EN):				L	.IM					Туре	: L	.IM	Rati	ng/S	ettir	ng:	LIN	ΙA		No	o of p	hases	:	3				
SPD D	etails: Types:	T1 N/A	T2	N/	Α	Т3	N/A	N	I/A N//	4				indicator nality ind					N/	4										
Confir	mation of supply pol	larity	/	(	Confirr	natio	n of <sub>l</sub>	ohase	e sequenc	e		<b>/</b>		ianty in a		<b>p</b> . 00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Zs a	t DB:	(	0.16 <u>c</u>	2	ı	pf at	DB:	2.3	35 ka
9	CHEDULE OF (	CIRCUIT	DFTA	\      S	ANI	) TF	ST	RFS	ULTS																					
						RCUIT																Т	EST R	RESULT I	DETAIL:	S				
				Со	nductor	details		(s)	Overcur	rent p	rotect	ive de	vice		RCD				Con	tinuity	(Ω)		Insul	ation res	istance		Zs	R	CD	AFDD
				po			mber I size	time 7671										Ring	final c	ircuit	R1 or	†R2								ton
Circuit number	Circuit desc	ription	Type of wiring	Reference method	Number of points served	Live (mm <sup>2</sup> )	cpc (mm²)	Max disconnect time permitted by BS7671	BS (EN)	Туре	Rating (A)	Breaking capacity (kA)	Maximum permitted Zs (Ω)	BS (EN)	Type	Rated operating current (mA)	Rating (A)	r1 (line)	r <sub>n</sub> (neutral)	r2 (cpc)	R1+R2	R2	Test voltage (V)	Live - Live (Ma)	Live - Earth (M $\Omega$ )	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	Manual test button operation (tick)
EATON	MEM 3 BOARD AND M	MAIN SWITCH	1																											
1 L1	HEATER VIA TIME CL CLASS 2) 3.5KW	OCK (HALL 8	P <sub>x</sub> A	A B	2	4	1.5	0.4	60898	В	32	10	1.10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.38	N/A	500	> 500	> 500	~	0.60	N/A	N/A	N/A
1 L2	HEATER VIA TIME CL 4KW	OCK (CLASS	3) A	A B	2	4	1.5	0.4	60898	В	32	10	1.10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.39	N/A	500	> 500	> 500	~	0.57	N/A	N/A	N/A
1 L3	HEATER VIA TIME CL CLASS 1) 3.5KW	OCK (HALL 8	Z <sub>k</sub> A	A B	2	4	1.5	0.4	60898	В	32	10	1.10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.43	N/A	500	> 500	> 500	~	0.61	N/A	N/A	N/A
2 L1	LIGHTS, WCS, KITCH STORE	EN, ARMOUR	RY, A	A B	21	1.0	1.0	0.4	60898	С	6	10	2.91	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.95	N/A	500	LIM	> 500	~	1.16	N/A	N/A	N/A
2 L2	TIME CLOCK & CONT HEATERS	ACTOR FOR	A	A B	2	1.0	1.0	0.4	60898	С	6	10	2.91	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.01	500	> 500	> 500	~	0.21	N/A	N/A	N/A
TYP	A S FOR Thermoplas E OF insulated/shear cables	athed	B ermoplast cables in tallic cond			C ermop cables netallic	in	it	D Thermopl cables metallic tru	in			E ermopla cables etallic t		Therm /SW/	F noplas A cable			G ermose WA cal		ir	Min sulate	eral	ès			o - oti FP			
	DETAILS OF TE	ST INST	RUME	ENT:	5																									
Deta	ils of test instrumer	nts used (se				umbe	ers):																							
Multi-f	unctional:		2	27450	002			- II	nsulation	resis	stanc	e:					-				Co	ntinu	ity:				-			
Earth (	electrode resistance		-				Е	arth fault	loop	imp	oedar	nce:				-				RC	D:					-				
T	ESTED BY																													
Nam	e: SCOT	T GILBERT	Γ		Positi	on:		Е	lectrical	Tecl	nnici	an		Sigr	nature	:									Date	e:	28	3/07/	2023	3

5	SCHEDULE OF CIRCUIT DE	TAI	LS /	ANE	ТЕ	ST	RES	ULTS																					
DB r	reference: D.	B.1					Lo	cation:		I	NTA	KE L	OCATIO	N			Supp	lied f	rom:					ORI	GIN				
				CIR	CUIT	DETAI	LS														Т	EST R	ESULT I	DETAIL	S				
			Cond	uctor c	letails		(s)	Overcurr	ent p	rotecti	ve dev	/ice		RCD				Con	tinuity	(Ω)		Insula	ation res	istance		Zs	R	CD	AFDD
			pc			nber size	ect time BS7671										Ring	final ci	rcuit	R1- or	₩2								uo
Circuit number	Circuit description	Type of wiring	Reference method	Number of points served	Live (mm <sup>2</sup> )	cpc (mm²)	Max disconnect permitted by BS	BS (EN)	Туре	Rating (A)	Breaking capacity (kA)	Maximum permitted Zs (Ω)	BS (EN)	Туре	Rated operating current (mA)	Rating (A)	r1 (line)	r <sub>n</sub> (neutral)	r2 (cpc)	R1+R2	R2	Test voltage (V)	Live - Live (Ma)	Live - Earth (M $\Omega$ )	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	Manual test button operation (tick)
2 L3	LIGHTS, HALL	Α	В	8	1.0	1.0	0.4	60898	С	6	10	2.91	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.05	N/A	500	LIM	> 500	~	1.27	N/A	N/A	N/A
3 L1	SOCKETS, KITCHEN AND HEATER	А	В	4	4	1.5	0.4	61009	С	32	10	0.54	61009	А	30	32	N/A	N/A	N/A	0.43	N/A	500	> 500	> 500	~	0.60	6	~	N/A
3 L2	LIGHTS, CLASS 3, HALF OF HALL, STORE ROOM AND COS OFFICE	A	В	8	1.0	1.0	0.4	60898	С	6	10	2.91	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.17	N/A	500	LIM	437	~	1.37	N/A	N/A	N/A
3 L3	LIGHTS, CLASS 1 & 2	А	В	9	1.0	1.0	0.4	60898	С	10	10	1.75	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.31	N/A	500	LIM	371	~	1.45	N/A	N/A	N/A
4 L1	HAND DRYER GENTS	А	В	1	4	1.5	0.4	60898	С	32	10	0.54	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.22	N/A	500	> 500	> 500	~	0.37	N/A	N/A	N/A
4 L2	SOCKETS, HALL RCD SKT, OFFICE SOCKETS	A	В	3	4	1.5	0.4	61009	С	32	10	0.54	61009	А	30	32	N/A	N/A	N/A	0.55	N/A	500	> 500	> 500	~	0.69	N/A	N/A	N/A
4 L3	LIGHTS, FRONT ENTRANCE AND BOTH GENERAL OFFICES	А	В	12	1.0	1.0	0.4	60898	С	10	10	1.75	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.15	N/A	500	LIM	324	~	1.28	N/A	N/A	N/A
5 L1	HEATER IN GENERAL OFFICE AND SOCKET IN CLASS 3	А	В	2	2.5	1.5	0.4	61009	В	20	10	1.75	61009	A	30	20	N/A	N/A	N/A	0.35	N/A	500	> 500	> 500	~	0.51	6	~	N/A
5 L2	SUB MAIN ATC HUT (Supply to D.B.4)	А	В	1	6/2.5	6/2.5	0.4	60898	С	20	10	0.87	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.20	N/A	500	> 500	> 500	~	0.34	N/A	N/A	N/A
5 L3	HEATER SPURS IN CLASS 2	А	В	2	4	1.5	0.4	60898	В	32	10	1.10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.57	N/A	500	> 500	> 500	~	0.77	N/A	N/A	N/A
6 L1	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
6 L2	SUB MAIN, D.B.3. (MK BOARD) (Supply to D.B.3 (MK))	A	В	1	6 2	2.5 & 1	00.4	60898	С	32	10	0.54	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.01	500	> 500	> 500	~	0.17	N/A	N/A	N/A
6 L3	FIRE ALARM	0	В	1	1.5	1.0	0.4	60898	С	10	10	1.75	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.38	N/A	500	> 500	> 500	~	0.53	N/A	N/A	N/A
7 L1	SUB MAIN, D.B.2. (HAGAR BOARD) (Supply to D.B.2. (HAGAR))	A	В	1	16	16	0.4	60898	С	50	10	0.35	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.01	500	> 500	> 500	~	0.16	N/A	N/A	N/A
7 L2	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 L3	SPARE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	A B	С			D				E			F			G			-	1			(	D - Oth	ier					
TYF	S FOR Thermoplastic Thermoples of insulated/sheathed cables metallic of metallic of the cables of th		ermopl cables etallic	in	it	Thermopla cables i metallic tru	n	ı	(	ermopla cables in etallic tr	า	Therm /SWA	oplast cable			rmoset WA cab		in	Mine	eral d cable	es			FP					

S	CHED	ULE OF CIRC	UIT DE	TAI	LS .	AND	) TE	ST	RES	ULTS																					
DB r	eference	:	D.	B.1					Loc	cation:			INTA	KE L	OCATIC	N			Supp	olied	from:					ORI	GIN				
						CIR	CUIT	DETAI	LS														٦	TEST I	RESULT	DETAIL	S				
					Cond	luctor o			(s)	Overcuri	ent p	rotecti	ve dev	/ice		RCD				Con	tinuity	(Ω)		Insu	lation re	sistance		Zs	RO	CD	AFDE
					po		Nur and	nber size	time 37671										Ring	final c	ircuit	R1- or	†R2			<b>a</b>					ton
Circuit number		Circuit description		Type of wiring	Reference method	Number of points served	Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )	Max disconnect time permitted by BS7671	BS (EN)	Type	Rating (A)	Breaking capacity (kA)	Maximum permitted Zs (Ω)	BS (EN)	Туре	Rated operating current (mA)	Rating (A)	r1 (line)	r <sub>n</sub> (neutral)	r2 (cpc)	R1+R2	R2	Test voltage (V)	Live - Live (MΩ)	Live - Earth (M $\Omega$ )	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	Manual test button operation (tick)
8 TP	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Α	R				C			D				F			F			G			ı	H			(	O - Oth	ner		
TYP	S FOR E OF RING	A Thermoplastic insulated/sheathed cables	Thermop cables metallic o	s in			C ermopl cables etallic	in	it	Thermopla cables metallic tru	in		(	E ermopla cables in etallic tr	า	Therm /SWA	oplasti			rmose WA cal		in		neral	es			FP	.01		

	DISTRIE	UTION	BOA	RD D	ETAI	LS																										
DB r	eference:			D.B.2.	(HAC	GAR)	)			Lo	cation:			INTA	KE L	OCATIC	N			Supp	olied	from	:			[	D.B.1	- 7 L	.1			
Distrib	oution circu	it OCPD:	BS (	EN):				60	898				-	Туре		С	Rati	ng/S	Settir	ng:	50	Α		No	o of p	hases	:	1				
SPD D	etails: Ty	pes:	T1	N/A	T2	N/A	Т	T3	N/A	Ν	I/A N/A	4				ndicator nality ind					N/A	A										
Confir	mation of s	supply pol	arity			Co	onfirm	natior	n of r	nhase	e segueno	·e		N/A	ictioi	ianty inu	icatoi	pres	sent,	'			Zs a	t DR·	(	o.16 <u>c</u>	)		pf at	DB·	0.4	9 kA
	SCHEDU																										_					
	BCHEDO	LE OF C	JI KC	ים ווט	LIAI	LJ		CUITI			ULIS													Т	ESTR	RESULT	DETAIL:	S				
<u> </u>						Conc	ductor o	details		(s)	Overcur	rent p	rotect	ive dev	/ice		RCD				Con	itinuity	/ (Ω)		Insul	ation res	istance		Zs	RC	CD	AFDD
						р			nber size											Ring	final c	ircuit	R1- or	†R2								E O
Circuit number		Circuit desc	ription		Type of wiring	Reference method	Number of points served	Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )	Max disconnect time permitted by BS7671	BS (EN)	Туре	Rating (A)	Breaking capacity (kA)	Maximum permitted Zs (Ω)	BS (EN)	Туре	Rated operating current (mA)	Rating (A)	r1 (line)	rn (neutral)	r2 (cpc)	R1+R2	R2	Test voltage (V)	Live - Live (ΜΩ)	Live - Earth (M $\Omega$ )	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	Manual test butt operation (tick)
HAGAF	R BOARD WI	TH 100A, 3	BOMA R	CD AS MA	AIN SW	/ITCH																										
1	HAND DRY AND HEAT			BLED	А	В	3	2.5	1.5	0.4	60898	В	32	6	1.10	61008	AC	30	100	0.22	0.22	0.37	0.15	N/A	500	> 500	> 500	•	0.37	32	~	N/A
2	FLUSH MO SOCKETS I				А	В	4	4	1.5	0.4	60898	В	32	6	1.10	61008	AC	30	100	N/A	N/A	N/A	0.22	N/A	500	> 500	> 500	~	0.40	32	~	N/A
3	FLUSH MO SOCKETS,			D	А	В	4	4	1.5	0.4	60898	В	32	6	1.10	61008	AC	30	100	N/A	N/A	N/A	0.55	N/A	500	> 500	> 500	~	0.71	32	~	N/A
4	WATER HE		CHEN		A	В	1	2.5	1.5	0.4	60898	В	16	6	2.18	61008	AC	30	100	N/A	N/A	N/A	0.38	N/A	500	> 500	> 500	~	0.57	32	~	N/A
5	SPARE				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	SPARE				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TYP	ES FOR PE OF ir RING	A Thermoplas nsulated/shea cables		Therm cabl	B oplastic es in conduit	t		C ermopl cables etallic	in	it	D Thermopl cables metallic tru	in			E ermopla cables i etallic ti		Therr /SW/	F noplas A cabl			G ermose WA cal		in	Mine sulate	eral	es		(	0 - 0th <b>N/A</b>			
	DETAILS																															
	ails of test	instrumer	its use	d (seria		or as: 1120		umbe	ers):										I.A				0 -	. 41					N/A			
	functional:				02				nsulation													ntinu D.	ııy:									
	electrode r			N/A					arth fault	100	אוווו כ	Jeuar	ice:				I/A				RC	υ. ————————————————————————————————————					N/A					
	ESTED	LED			) '+'				Fla -4	rici-	n			61.											Del		0-	1/0//	2021	,		
Nam	ie:	LER		ŀ	Positio	on:			Elect	i iCla	111			Sign	ature				5	Fee					Date	<i>3</i> :	U/	/06/	ZUZ3	,		

	DISTRIBUTION	BOARD D	ETA	ILS																										
DB r	reference:	D.B	.3 (N	IK)				Lo	cation:			INTA	KE L	OCATIO	N			Supp	olied f	rom	:				D.B.1	- 6 L	.2			
Distrib	oution circuit OCPD:	BS (EN):				60	898					Туре	:	С	Rati	ng/S	ettir	ng:	32	Α		No	of p	hases	:	1				
SPD D	etails: Types:	T1 N/A	T2	N/A	\ 7	Г3	N/A	Ν	1/A N/A	4				ndicator nality indi					N/A	4										
Confir	mation of supply pol	aritv <b>v</b>		C	onfirn	natio	n of i	ohase	e seguenc	e		N/A	ictioi	ianty mai	cator	pres	ociii,	,			Zs a	t DB:	(	).17 <u>c</u>	)		pf at	DB:	1.0	)1 ka
	SCHEDULE OF C									_														_						
	SCHEDULE OF C	TROOTE	LIA	LJ		CUIT			OLIS													Т	EST R	ESULT	DETAIL					
				Cond	ductor o	details		(s)	Overcur	rent p	rotect	ive dev	/ice		RCD				Con	tinuity	(Ω)		Insul	ation res	istance		Zs	R	CD	AFDD
				р			mber I size											Ring	final ci	rcuit	R1- or	₩ <u>2</u>								uo
Circuit number	Circuit desci	ription	Type of wiring	Reference method	Number of points served	Live (mm <sup>2</sup> )	cpc (mm <sup>2</sup> )	Max disconnect time permitted by BS7671	BS (EN)	Туре	Rating (A)	Breaking capacity (kA)	Maximum permitted Zs (Ω)	BS (EN)	Туре	Rated operating current (mA)	Rating (A)	r1 (line)	r <sub>n</sub> (neutral)	r2 (cpc)	R1+R2	R2	Test voltage (V)	Live - Live (Ma)	Live - Earth (M $\Omega$ )	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	Manual test button operation (tick)
MK BO	ARD AND MAIN SWITC	Н																												
1	DADO SOCKETS, CLAS	SS 3	А	В	4	2.5	1.5	0.4	61009	В	32	6	1.10	61009	AC	30	32	0.35	0.35	0.56	0.25	N/A	500	> 500	> 500	~	0.40	15	~	N/A
2	DADO SOCKETS, CO ( GENERAL OFFICE	OFFICE AND	А	В	6	2.5	1.5	0.4	61009	В	32	6	1.10	61009	AC	30	32	0.26	0.26	0.44	0.18	N/A	500	> 500	> 500	~	0.34	15	~	N/A
3	DADO SOCKETS, CLA: HALL	SS 2 AND MAIN	А	В	5	2.5	1.5	0.4	61009	В	32	6	1.10	61009	AC	30	32	0.48	0.48	0.78	0.34	N/A	500	> 500	> 500	~	0.46	15	•	N/A
4	SPARE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	SPARE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	SPARE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
										'				'													'			
TYP	A Thermoplas FOF insulated/shea	ithed cal	B noplastic			C ermopl cables	in		D Thermopl cables	in			E ermopla cables i	n	Thern	F noplas			G ermoset		in	H Mine sulated	eral	ac .		(	0 - Oth			
	RING cables		c condu		_	etallic	condu	it	metallic tru	ınking		nonme	etallic t	runking	75007	Cabic		/3	WA Cac			Sulate		.3						
	DETAILS OF TESTILES OF TESTILE					umbe	ers):																							
Multi-f	functional:		21	1120	)62			11	nsulation	resis	stanc	e:				N	I.A				Cor	ntinui	ity:				N/A			
Earth	electrode resistance:		N/A				Е	arth fault	loop	o imp	oedar	nce:			N	/A				RC	D:					N/A				
Ī	ESTED BY																													
Nam		S. FULLER			Positi	on:			Elect	ricia	n			Sign	ature	:			5	Fee					Date	∋:	07	//06/	2023	3

Г	ISTRIB	UTION	I BOA	RD DE	ΤΑΙ	LS																										
DB r	eference:			D.	B.4					Loc	cation:				ATC	HUT				Supp	olied f	rom	:				D.B.1 -	- 5 L	.2			
Distrib	ution circuit	t OCPD:	BS (I	EN):				60	898				-	Гуре	:	С	Rati	ng/S	ettir	ng:	20	Α		No	of p	hases	:	1				
SPD D	etails: Typ	nes:	T1	N/A	T2	N/A	Т	-3	N/A	N	/A N/A					ndicator		•			N/A	4										
														fu N/A	nction	ality indi	cator	pres	sent <sub>.</sub>	)	, .		70.0	L D.D.	(	o.34 <b>c</b>				DD.	0.5	kA
	mation of su								•		sequence	e 	<u> </u>	N/A									Zs a			J.34 <u>L</u>	2	'	pf at		0.0	) KA
S	CHEDUL	E OF (	CIRCL	JIT DE	ΙΑΤ	LS					ULTS																					
						Conc	CIR ductor c	CUIT	DETAI	LS Ø	Overcurr	ont n	rotocti	ivo do	vico		RCD				Con	tinuity	, (O)	Т		RESULT ation res	DETAIL:	5	Zs	RC	,D	AFDD
								Nur	nber		Overcun	ен р	Otecti	lve de	/ice		KCD			Ring	final ci		R1- or		msuic	ationres	istance		25	KC		
Jec.		Circuit desc	rintion		D D	Reference method	7	and	size	Max disconnect time permitted by BS7671					(G)			ting				· oun	Oi	K2	3	(aN	(MD)	~	<u>a</u>	5	S)	Manual test button operation (tick)
Circuit number					of wiring	nce m	Number of points served	nm2)	(mm <sup>2</sup> )	sconn ted by	<u> </u>		€	ng ty (kA)	um ted Zs	9		Rated operating current (mA)	€	<u></u>	r <sub>n</sub> (neutral)	<i>~</i>			Test voltage (V)	- Live (Ma)	Earth (MΩ)	Polarity (tick)	Maximum measured (Ω)	Disconnection time (ms)	Test button operation (tick)	I test ion (ti
ircuit					Type o	efere	lumbe	Live (mm <sup>2</sup> )	cpc (m	lax di ermit	BS (EN)	Type	Rating (A)	Breaking capacity (	Maximum	BS (EN)	Type	ated	Rating (A)	r1 (line)	n (net	r2 (cpc)	R1+R2	R2	est vo	Live -	Live -	olarit	laxim neasu	iscon me (r	est bu perat	fanua perat
1	SOCKETS				A	C	6	2.5	1.5	0.4	60898	В	16	6	2.18	61008	AC	30	63	N/A			0.40	N/A	500			·	0.76	8		N/A
2	HEATERS				А	С	2	2.5	1.5	0.4	60898	В	16	6	2.18	61008	AC	30	63	N/A	N/A	N/A	0.10	N/A	500	> 500	> 500	~	0.44	8	~	N/A
3	LIGHTS				А	С	10	1.0	1.0	0.4	60898	В	6	6	5.82	61008	AC	30	63	N/A	N/A	N/A	0.64	N/A	500	> 500	> 500	~	0.93	8	~	N/A
4	SPARE				-	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	-	_	-	-	_	-	-	-	-	-	-	
5	SPARE				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_	-	-	-	-	_	-	-	-	-	
6	SPARE				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	SPARE				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CODE	S FOR	A Thermoplas	stic	B Thermo			The	C	astic		D Thermopla	estic		The	E ermopla	stic		F			G			F				(	O - Oth	er		
TYP		sulated/shea cables		cable metallic	es in	t		cables etallic	in	it	cables i metallic trui	n			cables in etallic tr	n		noplas A cable			ermoset WA cab		in	Mine sulated		es			N/A	i		
C	ETAILS	OF TE	ST IN	ISTRU	MEN	NTS														<u>'                                    </u>						<u> </u>						
	ils of test ir				and/	or as	set n	umbe	ers):																							
Multi-f	unctional:				21	1120	)62			Ir	sulation	resis	stanc	e:				N	I.A				Cor	ntinui	ity:				N/A			
Earth 6	electrode re	esistance	:			N/A				Е	arth fault	loop	o imp	edar	nce:			N	/A				RCI	D:					N/A			
Ī	ESTED E	3Y																														
Nam	e:	MR S	S. FUL	LER		I	Positio	on:			Elect	ricia	ın			Signa	ature	:			5	Fee					Date	<b>e</b> :	07	/06/2	2023	

# 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 BS 7671.

You should have received an 'original' Certificate and the person that issued the certificate should have retained a duplicate. 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 BS 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 1 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.

Where the installation includes a residual current device (RCD) it should be tested six-monthly by pressing the button marked 'T' or Test. The device should switch off the supply and should then be switched on to restore the supply. If the device does not switch off the supply when the button is pressed, seek expert advice. For safety reasons it is important that this instruction is followed.

Where the installation includes an arc fault detection device (AFDD) having a manual test facility it should be tested six-monthly by pressing the test button. Where an AFDD has both a test button and automatic test function, manufacturer's instructions shall be followed with respect to test button operation.

Where the installation includes a surge protective device (SPD) the status indicator should be checked to confirm it is in operational condition in accordance with manufacturer's information. If the indication shows that the device is not operational, seek expert advice. For safety reasons it is important that this instruction is followed.

Where the installation includes alternative or additional sources of supply, warning notices should be found at the origin or meter position or, if remote from the origin, at the consumer unit or distribution board and at all points of isolation of all sources of supply.