ELECTRICAL INSTALLATION CERTIFICATE [BS 7671:2018 as amended]



Details of the	Client										
Client/Address	Wessex RFCA, Mount	House , Mount	Street, Tauntor	າ , Somerset,	TA1 3QE						
Details of the	Installation								The ir	stallation is	S:
Address	Yate Platoon, Yate Plat	itoon, Armstron	g Way, Yate, G	oucestershir	e, BS37 5NG				New		N/A
Extent of the installation covered by this certificate	Replaced DB1 for new replaced damaged light fire alarm supply in FP2	nt switch externa							An Additio An Altera		N/A ✓
Design											
I being the per exercised reasor knowledge and b	son(s) responsible for the sable skill and care when the sable skill and care with the sable strength of the sable	en carrying out the	he design hereb	oy CERTIFY 2018 (dat	that the design	n work for		esponsible			
·	ures from BS 7671, as a				1		_				
Details of permitt (Regulations 411			applicable, a su e attached to thi			N/A	Number of pages:	N/A			
The extent of liab	oility of the signatory or	signatories is lir	nited to the wor	k described	above as the s	subject of t	this certificate.				
For the DESIGN	of the installation:	4		4							
Signature	(stuskami)lll	Date	03/04/2020	Name	(CAPITALS)	Lewis Co	nabeer			Designe	er 1
Signature N/A		Date	N/A	Name	(CAPITALS)	N/A				Designe	er 2 **
.						**(where th	here is divided responsibilit	ty for the de	sign)		
above, have exe	son(s) responsible for the cised reasonable skill a my knowledge and bel	and care when c	carrying out the	construction	hereby CERT	IFY that th		or which I	have beer	n responsi	ible
Details of departs	ures from BS 7671, as a	amended (Regu	lations 120.3, 1	33.1.3 and 1	133.5) None						
	oility of the signatory is li		ork described at	oove as the s	ubject of this o	certificate.					
Signature	RUCTION of the installat		03/04/2020	Nam	e (CAPITALS	Lewis C	Conabeer			Constru	uctor
Inspection ar	id Testing										
described above	son(s) responsible for the have exercised reason the best of my knowled	nable skill and ca	care when carryi	ing out the in	spection and t		eby CERTIFY that the	work for w	vhich I ha	ve been	as
Details of depart	ures from BS 7671, as a	amended (Regu	lations 120.3, 1	33.1.3 and 1	133.5) None						
The extent of liab	oility of the signatory is li	imited to the wo	ork described al	oove as the s	subject of this of	certificate.					
For the INSPECT	ION AND TESTING of t	the installation:					Reviewed I	by			
Signature	(sinkaniku		Date 03/04/	/2020	Signature		A lin		Date 0	3/04/2020	5
Name (CAPITALS	Lewis Conabeer		Ir	nspector	Name (CAI	PITALS)	Callum Harrison			Qualifi	

Particulars o	f the Organ	isation(s) Res	sponsible	for the	e Electrical Inst	allation			
DESIGN (1)		Organisation	I J Canning	s & Son L	.td				
Address	Mat ford Park R	Water Bridge Cou load	rt				NICEIC Enrolment Number	9140	
	Exeter DEVON EX2 8EX			Tel	01392 279354		Branch No.(If Applicable)	0	
DESIGN (2)		Organisation	N/A						
Address							Registration Number	N/A	
Addiess								IV/A	
				Tel	N/A		Branch No.(If Applicable)	N/A	
CONSTRUCTION	NC	Organisation	I J Canning	s & Son L	td				
Address	Stratford House	Water Bridge Cou	rt				NICEIC Enrolment Number	9140	
	Exeter	oau					Branch No.(If		
	DEVON EX2 8EX			Tel	01392 279354		Applicable)	0	
INSPECTION A	AND TESTING	Organisation	I J Canning	s & Son L	.td				
Address		Water Bridge Cou	rt				NICEIC Enrolment	9140	
	Mat ford Park R Exeter	load					Number	9140	
	DEVON EX2 8EX			Tel	01392 279354		Branch No.(If Applicable)	0	
Supply Char	acteristics a	and Earthing /	Arrangen	nents	Tick boxes and er	nter details	, as appropriate	Characteristics of prim	ary supply
System Type(s)		ber and Type of L					Parameters	overcurrent protective BS(EN)	Device(s)
TN-S N/A	7	a.c. ✓	d.	c. x	Nominal U ^(t)	400	V Uo 230 V	1361 Fuse HBC	
TN-C-S ✓	1-Phase (2 wire)	N/A 1-Phase (3 wire)	N/A 2	e N/A	Nominal f (50	Hz	Type 2	
TN-C N/A	2-Phase (3 wire)	N/A	3 Pol	e N/A	Prospective lpf	2.36	kA	Rated current	80 A
TT N/A	3-Phase	N/A 3-Phase (4 wire)	✓ Oth		External loop (0.21	Ω	Short circuit	33 kA
IT N/A	Other	N/A			Number of Sources	1	(1) by enquiry (2) by enquiry or by measurement	Capacity Confirmation of	√
D. C. J.	Charles Harting						measurement	Supply Polarity	
Means of Earth		n at the Origin	1	Det	ails of Installation Fa	arth Floctr	ode (where applicable)		
Distributor's		Туре		Det	ans of instanation L				
facility		(eg rod(s), tape etc	:) N/A			Location	N/A		
Installation earth electrode	IN/A	Electrode resistance,R _A	N/A	Ω		Method of measurem	N/A		
Main Switch/ S	witch-Fuse/ Cir	cuit-Breaker/ RCI		Maximun	n Demand (Load)	Protecti	ive measure(s) against	electric shock	
Type BS(EN)	60947-3	Voltage Rating	400 V	80	Amps	ADS			
		Rated	125 A	Eart	hing conductor	Ма	in protective bonding conductors	Bonding of extr conductive pa	aneous rts (✓)
No. of poles	3	Current,In RCD		Conducto	or _	Conduc	etor	Water installation pi	
Supply	\		V/A mA	material:	Сорреі	materia		Lightning Protection	n N/A
Conductors C material	Copper	RCD	_	Conducto csa:	25 mm ²	Conduction CSa:	10 mi	Oil installation pipes	N/A
Supply	25 mm ²	operating time at, l∆n	N/A ms	Continuity	y verifed 🗸	Continu	uity verified	Structural Steel	N/A
Conductors 2 CSA	25 mm ²	Rated time delay	N/A ms		" L Z			Gas installation pipe	es N/A
		20.2)		Connection	on verifed 🗸	Connec	ction verified	Other N	/A
Comments of									
In the case of an a	ddition or alterat	tion see regulation	644.1.2:Se	ee Additio	nal Page				
Next Inspect									
I , the design	er(s) RECOMME	ND that this install	ation is furth	er inspect	ed and tested after ar	n interval of	f not more than 5 Years	or change of	tenancy.

Schedule of Items Inspected Acceptable EC2717 - Master Outcomes Not applicable N/A condition Item No Description Outcome Item No Description Outcome External condition of electrical intake equipment (visual inspection only) 1.0 6.0 Basic and fault protection (If inadequacies are identified with the intake equipment it is recommended the person ordering the report informs the appropriate authority.) Service cable a) SELV N/A 1.1 1.2 Service head b) PELV N/A 1.3 c) Double insulation Earthing arrangement 1.4 Meter tails d) Reinforced insulation **√** 1.5 7.0 Metering equipment Distribution equipment 1.6 7.1 Isolator (where present) Working space/accessibility adequate/satisfactory **√** 72 20 Parallel or switched alternative sources of supply Security of fixing Presence of adequate arrangements where generator to operate as 7.3 2.1 Insulation of live parts not damaged during erection a switched alternative Dedicated earthing arrangement independent of that of the public 7.4 Adequacy/security of barriers a) N/A supply Presence of adequate arrangements where generator to operate in Suitability of enclosures for IP and fire ratings 22 7.5 parallel with public supply system: 7.6 a) Correct connection of generator in parallel N/A Enclosures not damaged during installation b) Compatibility of characteristics of means of generation N/A 7.7 Presence and effectiveness of obstacles Means to provide automatic disconnection of generator in the event of loss of public supply or voltage or frequency deviation beyond N/A 7.8 Main switch(es): presence and operation (functional check) declared values Means to prevent connection of generator in the event of loss of Components are suitable according to manufacturers' assembly public supply or voltage or frequency deviation beyond declared 7.9 d) N/A instructions or literature 7.10 e) Means to isolate generator from public supply N/A Circuit-breaker and RCDs operation to prove functionality 2.3 Presence of alternative/additional supply warning notices at or near 7.11 RCD(s) provided for fault protection where specified a) The origin 7.12 N/A RCD(s) provided for protection against the risk of fire where present b) The meter position if remote from origin N/A 7.13 RCD(s) provided for additional protection where specified The consumer unit/distribution board to which the alternative/ Confirmation overvoltage protection (SPDs) provided where 7.14 C) N/A specified additional sources are connected 7.15 All points of isolation of ALL sources of supply N/A SPDs functioning/operating as expected Selection of protective devices(s) and base(s); correct type and 7.16 3.0 Automatic disconnection of supply rating Presence and adequacy of protective earthing/bonding 3.1 7.17 Single-pole protective devices in line conductors only arrangements as follows: Distributor's earthing arrangement or installation earth electrode Protection against mechanical damage where cables enter 7.18 a) arrangement equipment Protection against electromagnetic effects where cables enter 7.19 b) Earthing conductor and connections ferromagnetic enclosures Confirmation that ALL conductor connections including connections 7.20 c) Main protective bonding conductors and connections to busbars are correctly located in terminals and are tight and secure d) Earthing/bonding labels at all appropriate locations 7 21 Presence of RCD six-monthly test notice where required Presence of diagrams, charts or schedules at or near each 7.22 3.2 Accessibility of: distribution board where required a) Earthing conductor connections 7 23 Presence of next inspection recommendation label Presence of non-standard (mixed) cable colour warning notice at or b) All protective bonding connections 7.24 near the appropriate distribution board where required 3.3 FELV-requirements satisfied 7.25 Presence of other required labelling N/A Nominal line to line voltage does not exceed 110V and the nominal line to earth voltage does not exceed 63.5V 3.4 N/A 4 0 Basic protection 4.1 Provisions for basic protection where specified: Insulation of live parts b) Barriers or enclosures c) Obstacles N/A d) Placing out of reach N/A 5.0 Additional protection The presence and effectiveness of additional protection methods 5.1 used as follows

RCDs should not exceed 30 mA

b) Supplementary bonding

Concac	Out		ondition	√	Not ap	plicable	N/A EGZ/17 - Wastel	
Item No	Description		Outcome	е	Item No		Description	Outcome
8.0	Circuits				9.0	Isolatio	on and switching	
8.1	Identification of conductors		✓		9.1	Isolator	s:	
8.2	Cables correctly supported throughout with protect abrasion	ction against	✓		a)	Presend	ce and location of appropriate devices	N/A
8.3	Examination of cables for signs of mechanical dai installation		✓		b)	Capable	e of being secured in the OFF position	N/A
8.4	Examination of installation/insulation of live parts during erection		✓		c)		operation verified (functional check)	N/A
8.5	Non-sheathed cables protected by enclosure in conducting or trunking	onduit,	✓		d)	clearly i	tallation, circuit or part thereof that will be isolated is identified by location and/or durable marking	N/A
8.6	Suitability of containment systems (including flexil	ble conduit)	✓		e)		g notice posted in situations where live parts cannot be I by the operation of a single device	N/A
8.7	Correct temperature rating of cable insulation		✓		9.2	Switchir	ng off for mechanical maintenance:	
8.8	Adequacy of cables for current-carrying capacity the type and nature of installation	with regard to	· ✓		a)		ce of appropriate devices	N/A
8.9	Adequacy of protective devices: type and fault cur for fault protection	rrent rating	✓		b)	Accepta remote)	able location (local or Local	N/A
8.10	Operation/adequacy of AFDD(s) where present		N/A		c)	Capable	e of being secured in the OFF position	N/A
8.11	Presence and adequacy of circuit protective cond	luctors	✓		d)	Correct	operation verified (functional check)	N/A
8.12	Coordination between conductors and overload p devices	rotective	√		e)	1	tallation circuit or part thereof to be disconnected identified by location and/or durable marking	N/A
8.13	Wiring systems and cable installation methods/pra appropriate to the type and nature of installation a influences		✓		9.3	Emerge	ency switching/stopping:	
8.14	Cables concealed under floors above ceilings in v partitions adequately protected against damage	walls/	✓		a)	Presend	ce of appropriate devices	✓
8.15	Cables that are installed in walls/partitions installe prescribed zones	ed in	✓		b)	Readily	accessible for operation where danger might occur	✓
8.16	Provision of additional protection by RCDs having residual operating current (I delta n) not exceeding				c)	Correct	operation verified (functional check)	✓
a)	- all socket-outlets with a rated current not excee less unless exempt	ding 32 A or	✓		d)	The inst	tallation, circuit or part thereof to be disconnected identified by location and/or durable marking	✓
b)	- supplies to mobile equipment with a current rati exceeding 32 A for use outdoors	ing not	✓		e)	Firefigh	ter's switches present/operating (where required)	N/A
c)	- cables concealed in walls/partitions at a depth of 50 mm	of less than	✓		9.4	Function	nal switching:	
d)	- cables concealed in walls/partitions containing regardless of depth	metal parts	✓		a)	Presend	ce of appropriate devices	✓
e)	- circuits supplying luminaires within domestic (hopremises only	,	✓		b)	Correct	operation verified (functional check)	✓
8.17	Provision of fire barriers sealing arrangements so minimise the spread of fire	as to	✓		10.0	Current	t-using equipment (permanently connected)	
8.18	Band II cables segregated/separated from Band I	cables	✓		10.1		ity of equipment in terms of IP and fire ratings	✓
8.19	Cables segregated/separated from non-electrical	services	✓		10.2	1	ure not damaged/deteriorated during installation so as ir safety	✓
8.20	Termination of cables at enclosures:				10.3	Suitabil	ity for the environment and external influences	✓
a)	Connections under no undue strain		✓		10.4	Security	y of fixing	✓
b)	No basic insulation of a conductor visible outside	enclosure	✓		10.5		entry holes in ceilings above luminaires, sized or sealed o restrict the spread of fire	✓
c)	Connections of live conductors adequately enclose	sed	✓		10.6	Recess	ed luminaires (downlighters):	
d)	Adequately connected at point of entry to enclosu	ıre	✓		a)	Correct	type of lamps fitted	✓
8.21	Suitability of circuit accessories for external influe	nces	✓		b)	Installed	d to minimise build-up of heat	✓
8.22	Circuit accessories not damaged during erection		✓		10.7	Provisio	on of undervoltage protection, where specified	✓
8.23	Single-pole devices for switching or protection in I conductors only		✓		10.8	Provisio	on of overload protection, where specified	✓
8.24	Adequacy of connections including CPCs within a and at fixed and stationary equipment	accessories	✓		10.9	Adequa	acy of working space/accessibility to equipment	✓
11.0	Special installations or locations List below any special installations or locations which are	part of the insta	allation to be ve	erified	l, and confir	n that the	additional requirements given in the respective section of Part 7	are fulfilled:
								+
								1
								1
1								

Schedule o	of Items Inspected	EC2717 - Master	
12.0	Other		Outcome
			
			1
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luca in the least			
Inspected E			
Name:	Lewis Conabeer Date:	: 03/04/2020	
Signature:			
	Coustantill		
Schedule o	of Additional Records (See attached schedule)		
	ichedules are part of this document and this Certificate is valid only when they are attached to	it	
10	Schedules of Inspections and 11 Schedules of Test Results		

Boar	d Detai	ls															
Т	O BE CO	MPLETE	D IN EVERY CASE		ONLY T	O BE CO	MPLETE	D IF TH	E DISTRI	IBUTION BOARI OF THE INSTA		CONN	IECTED	DIRECTI	LY TO T	HE ORIG	SIN
Lagat		Mains	Cupboard		Supply to								Asso	ciated R0	CD (if an	y)	
Locati	bution	Iviaiiio	Cuppoard		distributio	_	N/A				В	S(EN)		N/A	,		
Board				N	No of pha	ises [N/A		Nominal	l Voltage N/A	V	RCD N					
Distrib	oution	DB 1		(Overcurre	ent protec	ctive devi	ice for the	e distribu	ition circuit		Poles	0 01	N/A			
board		ו פט		7	Гуре BS((EN)	N/A			Rating N/A	A R	RCD R	ating	N/A		n	nΑ
_	uit Detai	ile															
	iii Dola	ii S			рог	ved	Civ	rcuit	ס כ		Overcur	rent pr				RCD	(G)
Circuit number and phase		0: "		Type of wiring	Reference method	No of points served		tors csa	Max permitted disconnection times (s)			device		2	i (\$	g (L)	Maximum permitted Zs (Ω)
rcuit numb and phase		Circuit	designation	pe of	rence	poin	Live	срс	ax permiti sconnecti times (s)	BS(EN)	Al	FDD	Туре	Rating (A)	rt circ city (I	Operating current (⊠n)	ximu
ਰੋਂ ~				Ļ	Refe	No or	mm ²	mm ²	ig ig					Rat	Short circuit capacity (kA)	Op	Me pe
1/L1	Heaters Lec	cture Roon	n 1	А	В	2	2.5	1.5	0.4	61009 RCD/R0	СВО		С	20	10	30	1.09
1/L2	Heater Drill	Hall 1		А	В	1	2.5	1.5	0.4	61009 RCD/R0	СВО		С	20	10	30	1.09
1/L3	Heater ATC	Office		А	В	1	2.5	1.5	0.4	61009 RCD/R0	СВО		С	20	10	30	1.09
2/L1	Heaters Lec	ture Roor	n 2	А	В	2	2.5	1.5	0.4	61009 RCD/R0	СВО		С	20	10	30	1.09
2/L2	Heater Drill	Hall 2		А	В	1	2.5	1.5	0.4	61009 RCD/R0	СВО		С	20	10	30	1.09
2/L3	Heaters AT0	C Big Office	ce	A	В	2	2.5	1.5	0.4	61009 RCD/RCBO			С	20	10	30	1.09
3/L1	SPARE			-	-	-	-	-	-	-		-	-	-	-	-	-
3/L2	Heaters Dril	II Hall 3 &	4	A	В	2	2.5	1.5	0.4	61009 RCD/R0	СВО		С	20	10	30	1.09
3/L3	Water Heate	er WC		A	В	1	2.5	1.5	0.4	61009 RCD/R0	СВО		С	20	10	30	1.09
4/L1	Sockets Lecture rooms & Office		A	В	9	2.5	1.5	0.4	61009 RCD/R0	СВО		С	32	10	30	0.68	
4/L2	Drill Hall So	ckets		А	В	4	2.5	1.5	0.4	61009 RCD/R0	СВО		С	16	10	30	1.37
4/L3	Fire Alarm			0	В	1	2.5	1.5	0.4	61009 RCD/R0	СВО		С	6	10	30	3.64
5/L1	Lights Lectu	ure Rooms	;	А	В	12	1.5	1	0.4	61009 RCD/R0	61009 RCD/RCBO		С	6	10	30	3.64
5/L2	Lights Drill H	Hall		А	В	13	1.5	1	0.4	61009 RCD/R0	СВО		С	6	10	30	3.64
5/L3	Wall Heater	Kitchen		А	В	1	2.5	1.5	0.4	61009 RCD/R0	СВО		С	20	10	30	1.09
6/L1	Heater ACF	Office		А	В	1	2.5	1.5	0.4	61009 RCD/R0	СВО		С	20	10	30	1.09
6/L2	Frost Heate	rs		А	В	4	1.5	1	0.4	61009 RCD/R0	СВО		С	6	10	30	3.64
6/L3	Kitchen Wat	ter Heater		A	В	1	2.5	1.5	0.4	61009 RCD/R0	СВО		С	20	10	30	1.09
7/L1	Lights Store	es		A	В	3	1.5	1	0.4	61009 RCD/R0	СВО		С	6	10	30	3.64
7/L2	Heater Corr	idor		А	В	1	2.5	1.5	0.4	61009 RCD/R0	СВО		С	20	10	30	1.09
7/L3	Sockets Offi	ice & Corr	idor	А	В	8	2.5	1.5	0.4	61009 RCD/R0	СВО		С	32	10	30	0.68
8/L1	Lights WCs			А	В	8	1.5	1	0.4	61009 RCD/R0	СВО		С	6	10	30	3.64
8/L2	Alarm			А	В	1	2.5	1.5	0.4	61009 RCD/R0	СВО		С	20	10	30	1.09
8/L3	Lights Corrid	dor & Offic	ces	А	В	10	1.5	1	0.4	61009 RCD/R0	СВО		С	6	10	30	3.64
Wirir	ng Code	e															
	Α	1	В	С	\top	D	\top	E		F	G			Н		0	1
			7.0														-
	PVC/I cabl		PVC cables in metallic conduit	PVC cable in non-metall conduit	lic	PVC cable in metallic trunking	: 1	PVC cabl in non-meta trunkin	allic	PVC/SWA cables	XLPE/S cable			insulated bles	0	ther	
																	_

Board 7	Гests															
		TO BE C	OMPLETED) IN EVERY	CASE				TE	ST INSTRI	IMENIT	S (SERIAL N	LIMBERS) LISED		
Correct	supply pola	arity confirme	d 🗸		equence co	nfirmed	√]		01 11401110),,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	O (OLIVI) I	OWIDER) OOLD		
Su	pplementa	ary Conductor	s 🗸	(where a	ppropriate)			Earth fau	220	6446		RCD	2264	146		
ONLY TO		MPLETED IF					ECTED	Impedan	1 226	6446		Multi-	N/A			
Zs N/	A s	Σ lpf N/	A kA					resistano	е			function	on			
Operatin	g times of	associated R	CD (if any)	At I Δ n N	/A m	ıs		Continuit	у 226	6446		Other	N/A			
Details	of circu	ıits and/oı	r equipm	nent vuln	erable to	o dama	ge									
N/A																
Circuit	Tests															
Onodit		Circ	uit Impedar Ω	nces			Insul	lation resis	tance				RC	D	Ę	
Circuit	Din	6: 1		All cir (At lea							3	Maximum measured	e u		AFDD Test button operation	Remarks see continuation sheet
number and		g final circuits easure end to		colu	mn	Test	Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	Polarity	earth fault loop	ing tir (ms)	buttor	D Test bu	Remai contin
phase	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	to be cor	(R ₂)	Voltage	ď	impedance Ω	Operating time at l∆ n (ms)	Test button operation	AFDE	see				
1/L1	N/A	N/A	N/A	0.22	N/A	500	MΩ N/A	MΩ 200	MΩ 200	MΩ 200		0.43	28			NO
1/L2	N/A	N/A	N/A	0.26	N/A	500	N/A	200	200	200	√	0.47	18	✓		NO
1/L3	N/A	N/A	N/A	0.51	N/A	500	N/A	200	200	200	-	0.72	18			NO
2/L1	N/A	N/A	N/A	0.45	N/A	500	N/A	200	200	200	√	0.66	17	√		NO
2/L2	N/A	N/A	N/A	0.46	N/A	500	N/A	200	200	200	*	0.67	18	· ·		NO
2/L3	N/A	N/A	N/A	0.45	N/A	500	N/A	200	200	200		0.66	19	√		NO
3/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/L2	N/A	N/A	N/A	0.67	N/A	500	N/A	200	200	200	1	0.88	18	1		NO
3/L3	N/A	N/A	N/A	0.16	N/A	500	N/A	200	200	200	·	0.37	18	· /		NO
4/L1	0.78	0.78	1.30	0.09	N/A	500	N/A	200	200	200	·	0.30	15	·		NO
4/L2	N/A	N/A	N/A	0.28	N/A	500	N/A	200	200	200	1	0.49	28	1		NO
4/L3	N/A	N/A	N/A	0.04	N/A	500	N/A	200	200	200	1	0.25	14	1		NO
5/L1	N/A	N/A	N/A	0.32	N/A	500	N/A	200	200	200	1	0.53	18	1		NO
5/L2	N/A	N/A	N/A	0.23	N/A	500	N/A	200	200	200	1	0.44	38	1		NO
5/L3	N/A	N/A	N/A	0.25	N/A	500	N/A	200	200	200	1	0.46	18	1		NO
6/L1	N/A	N/A	N/A	0.64	N/A	500	N/A	200	200	200	1	0.85	18	1		NO
6/L2	N/A	N/A	N/A	0.56	N/A	500	N/A	200	200	200	1	0.77	18	1		NO
6/L3	N/A	N/A	N/A	0.24	N/A	500	N/A	200	200	200	1	0.45	19	1		NO
7/L1	0.69	0.68	1.13	0.19	N/A	500	N/A	200	200	200	1	0.40	20	1		NO
7/L2	N/A	N/A	N/A	0.41	N/A	500	N/A	200	200	200	1	0.62	18	1		NO
7/L3	N/A	N/A	N/A	0.21	N/A	500	N/A	200	200	200	1	0.42	14	1		NO
8/L1	N/A	N/A	N/A	0.12	N/A	500	N/A	200	200	200	1	0.33	28	√		NO
8/L2	N/A	N/A	N/A	0.06	N/A	500	N/A	200	200	200	1	0.27	18	1		NO
8/L3	N/A	N/A	N/A	0.10	N/A	500	N/A	200	200	200	1	0.31	18	1		NO
Tested	Ву															
Signa	iture			(stask amillite)				Position		Approve	ed Ele	ctrician				
Name	e	Lewis	Conabe	er				Date of		03/04/2	020					
		231113	23	-•				testing		33/3 //2						

Boar	rd Detai	ls															
			D IN EVERY CASE	=	ONLY T	O BE CO	MPLETE	D IF TH	E DISTR	IBUTION BOARI OF THE INSTA			NECTED	DIRECT	LY TO T	HE ORIC	SIN
Land		Mains	Cupboard		Supply to)							Asso	ciated R0	CD (if an	v)	
Distri	bution	Manio	Сирьоага		distribution board is f	on	N/A				-11	BS(EN		N/A			
Board					No of pha	ases	N/A		Nomina	l Voltage N/A	V	RCD N					
Distri	bution	DB 1			Overcurr	ent prote	ctive devi	ice for the	e distribu	ition circuit		Poles	0 01	N/A			
board		ו אט			Type BS((EN)	N/A		7	Rating N/A	Α	RCD R	ating	N/A		n	nA
_	uit Deta	ile															
	ill Dela	IIS			ро	ved	Oi-		, c		Over	current p				RCD	 (ପ
Circuit number and phase				Type of wiring	meth	s ser		rcuit tors csa	Max permitted disconnection times (s)			device)		±€		Maximum permitted Zs (᠒)
ircuit numb and phase		Circuit	designation	e of	ence	point			x permit sconnecti times (s)	BS(EN)		AFDD	Туре	Rating (A)	circuity (k	rating nt (l\s	dimun mittec
Circ				Typ	Reference method	No of points served	Live mm ²	cpc mm ²	May disc	,			,,	Ratir	Short circuit capacity (kA)	Operating current (∆n)	May
9/L1	Unknown			А	В	0	2.5	1.5	0.4	61009 RCD/R0	СВО		С	20	10	30	1.09
9/L2	Heating Co	ntrols		A	В	1	1.5	1	0.4	61009 RCD/R0	СВО		С	6	10	30	3.64
9/L3	Outside Lig	hts		А	В	5	1.5	1	0.4	61009 RCD/R0	СВО		С	6	10	30	3.64
10/L1	Store Heate	er		А	В	1	2.5	1.5	0.4	61009 RCD/R0	СВО		С	16	10	30	1.37
10/L2	Sub Mains(DB 2)		F	D	1	10	10	5	61009 RCD/R0	СВО		С	45	10	30	LIM
10/L3	Hand Dryer	Kitchen		А	В	1	2.5	1.5	0.4	61009 RCD/R0	СВО		С	10	10	30	2.19
11/L1	Staff WC H	and Dryer		А	В	1	2.5	1.5	0.4	61009 RCD/R0	СВО		С	10	10	30	2.19
11/L2	Girls WC Ha	and Dryer		А	В	1	2.5	1.5	0.4	61009 RCD/R0	СВО		С	10	10	30	2.19
11/L3	SPARE	PARE		-	-	-	-	-	-	-		-	-	-	-	-	-
12/TP	Surge Prote	ection Dev	ice	A	В	1	16	16	5	60898 MCE	3		С	63	10	N/A	0.35
Wirir	ng Code)															
	P	١	В	С		D		Е		F		G		Н		0	
	PVC/ cab		PVC cables in metallic	PVC cabl in non-meta	allic	PVC cable in metallic	:	PVC cabl in non-meta	allic	PVC/SWA cables		E/SWA ables	1	linsulated ables	C	ther	
			conduit	condui	t	trunking	,	trunkin	ng								

Board 7	Tests															
	-,-,	TO BE CO	OMPLETED	O IN EVERY	CASE				TE	OT INICTOL	'N4ENIT	S (SERIAL N	LIMPEDS	LISED		
Correct s	supply pola	arity confirmed	ed 🗸	Phase se	equence co	onfirmed	√			SIINSIRU	JIVIENI	S (SERIAL IN	UMBERS) USED		
		ary Conductors			ppropriate)			Earth fau	226	6446		RCD	2264	146		
	O BE COM	MPLETED IF T	THE DISTR				ECTED	impedan Insulation	n 226	6446		Multi-	N/A	140		
Zs N/					017.22	514		resistanc	e LL) 44 0		function	OII			
		associated R			I/A n	ns		Continuit	у 226	6446		Other	N/A			
		uits and/or				o dama	ge									
N/A																
Circuit	Tests	0:														
		Circ	cuit Impedar Ω				Insul	lation resis	tance			Maximum	RC	D	ton	Loi
Circuit number and		g final circuits easure end to		All cir (At leas colu	st one	Test	Live/	Live/	Live/	Earth/	Polarity (v)	measured earth fault	Operating time at I∆ n (ms)	utton	AFDD Test button operation	Remarks see continuation sheet
phase			1	to be con	·	Voltage	Live	Neutral	Earth	Neutral	Pol	loop	eratin I∆ n (r	Test button operation	FDD op	See of
0/1.1	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	(R ₁ + R ₂₎	(R ₂) N/A	500	ΜΩ	MΩ 200	ΜΩ	ΜΩ		Ω LIM	14 O te		∢	NO
9/L1							N/A		200	200	✓			✓		
9/L2	N/A	N/A	N/A	0.28	N/A	500	N/A	200	200	200	✓	0.49	14	✓		NO
9/L3	N/A	N/A	N/A	0.33	N/A	500	N/A	200	200	200	✓	0.54	18	✓		NO
10/L1	N/A	N/A	N/A	0.09	N/A	500	N/A	200	200	200	✓	0.30	14	✓		NO
10/L2	N/A	N/A	N/A	0.12	N/A	500	N/A	200	200	200	✓	0.33	18	✓		NO
10/L3	N/A	N/A	N/A	0.35	N/A	500	N/A	200	200	200	✓	0.56	18	✓		NO
11/L1	N/A	N/A	N/A	0.24	N/A	500	N/A	200	200	200	1	0.45	18	✓		NO
11/L2	N/A	N/A	N/A	0.40	N/A	500	N/A	200	200	200	1	0.61	17	✓		NO
11/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/TP	N/A	N/A	N/A	0.01	N/A	500	200	200	200	200	1	0.22	N/A	N/A		NO
										+						
										+						
																\vdash
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						-										
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							<u> </u>									
Tested	Ву															
Signa	iture			(stack constitut				Position		Approve	ed Ele	ectrician				
Name)	Lewis	Conabe	er				Date of testing 03/04/2020								

Т	O BE CO	MPLETE	D IN EVERY CAS	E	(ONLY T	O BE CO	MPLETE	D IF THI	E DISTR	RIBUTION BOAR OF THE INSTA			NECTED	DIRECT	LY TO T	HE ORIO	SIN
Locati Distrik Board Distrik	oution oution	Firinig DB 2	Range		d b N	Supply to istribution oard is for the oard is for the of the overcurrent of the oard is for the oard in the oard is for the oard in the oa	rom:			Nomina	Voltage 230	V	BS(EN RCD N Poles)	61009 N/A		у)	
desigi					_ Т	ype BS(EN) (51009			Rating 45	A	RCD R	ating	30		n	nA
Circu	uit Deta	ils					1 2 2											
nber se					ring	ethoc	serve		cuit	tted tion		Over	current p	e			RCD	2s (Ω)
Circuit number and phase		Circuit o	designation		Type of wiring	Reference method	No of points served	Live mm ²	cpc mm ²	Max permitted disconnection times (s)	BS(EN)		AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (∆n)	Maximum permitted $\operatorname{Zs}\left(\Omega\right)$
1/L2	Circuit Not	Tested																
2/L2	Circuit Not																	
3/L2	Circuit Not																	
4/L2	Circuit Not																	
5/L2	Circuit Not																	
	Flood Light				Α	В	1	1.5	1	0.4	60898 MC	В		В	10	10	30	4.37
7/L2	Circuit Not	Tested																
8/L2	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-
9/L2	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-
	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-
11/L2	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-
12/L2	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-
Wirir	ig Code	9																
	A	4	В		С		D		Е		F		G		Н		0	
	PVC/ cab		PVC cables in metallic conduit	no	VC cable in on-metall conduit		PVC cable in metallic trunking		PVC cabl in non-meta trunkin	allic	PVC/SWA cables		PE/SWA ables		linsulated ables	0	ther	

Board 7	Tests							_								
Dod. a	. 00.0	TO BE CO	OMPLETED) IN EVERY	CASE					OT INOTES	11.45.17	O (OFFILM N	LIMPEDO			
Correct	supply pola	arity confirme	d 🗸	Phase se	equence co	nfirmed	<u> </u>	-		SIINSIKU	JIVIEN I	S (SERIAL N	UMBERS) USED		
Su	pplementa	ry Conductor			ppropriate)		•	Earth fau		6446		RCD	2264	146		
	O BE COM	IPLETED IF	THE DISTR				ECTED	impedan Insulation	ce			Multi-				
		ECTLY TO T			STALLATI	ON		resistano		6446		function	on N/A			_
Zs 0.3					Q			Continuit	y 22	6446		Other	N/A			
		associated R				o domo	90									
	OI CIICU	ilis ariu/oi	equipii	ient vuin	erable t	o uama	ge _									_
N/A																
Circuit	Tests															
		Circ	uit Impedar Ω	nces			Insu	lation resis	tance			Maxima	RC	D	ton	no
Circuit number	Rin	g final circuits	only	All cii (At lea							Polarity (v)	Maximum measured	Operating time at I∆ n (ms)	ا ا ا	AFDD Test button operation	Remarks see continuation sheet
and phase	(me	easure end to	end)	to be con		Test Voltage	Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	olari	earth fault loop	ting t (ms)	Test button operation	D Te	Rem cont she
F	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	(R _{1 +} R ₂₎	(R ₂)	Vollago	ΜΩ	ΜΩ	ΜΩ	ΜΩ		impedance Ω	Opera at I∆ n	Test	AFD	see
1/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6/L2	N/A	N/A	N/A	0.33	N/A	500	N/A	200	200	200	1	0.66	47	1		NO
7/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
										1						
Tested	Ву															
Signa	ature			(ittelkani)(itt				Position	1	Approve	ed Ele	ectrician				
Name	e	Lewis	Conabe	er				Position Approved Electrician Date of testing 03/04/2020								
		231113	23.1400													

Comments on Existing Installation
Existing installation is good but could do would updating

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, 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. 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 1 under 'NEXT INSPECTION'.

This Certificate is intended to be issued only for a new electrical installation or for new work associated with an addition or alteration to an existing installation. It should not have been issued for the inspection and testing 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 of Inspections and the Schedule(s) of Test Results.

These notes are based on those seen in Appendix 6 BS 7671:2018 (as amended)