ELECTRICAL INSTALLATION CONDITION REPORT



A. Details	of the Client/Person Ordering the Report	B. Reason for Producing this Report
Client:	Wessex RFCA	Purpose of this report:
Address:	Wessex RFCA	5 YEARLY ELECTRICAL TEST AND INSPECTION
	Mount House Mount Street	
	Taunton	
	TA1 3QE	Date(s) on which Inspection: and testing was carried out
C. Details	of the Installation which is the Subject of this Repo	ort
Installation:	13 CITY OF EXETER SQUADRON.	Domestic Commercial Industrial Description of
Occupier:	13 CITY OF EXETER SQUADRON	premises: N/A N/A Other:
Address:	BUILDING 14	CADET CENTRE
	WYVERN BARRACKS	Estimated age of wiring system: 25 yrs
	Exeter	Evidence of alterations or additions:
Record of	DEVON EX26AE	Date of previous
Installation av	ailable: N/A Records held By: N/A	inspection: 10/02/2016
	and Limitations Inspection and Testing	
	ctrical Installation covered by this report:	Agreed limitations including the reasons (See regulation 653.2) IN ACCORDANCE WITH GUIDANCE NOTE 3 BS7671
	Agreed with no	WESSEX
Operational Li	Agreed with nar imitations including the reasons (See page No N/A)	me
None		
This inspection	and testing detailed in this report and accompanying schedules have	been carried out in accordance with BS7671:2018 (IET Wiring Regulations) as amended
to July 2018		peen carried out in accordance with BS7671:2018 (IET wiring Regulations) as amended in roof spaces, and generally within the fabric of the building or underground, have NOT
	ed unless specifically agreed between the client and inspector prior to th	ne inspection. An inspection should be made within an accessible roof space housing
		ndition of the installations (In terms of electrical safety)
	CONDITION	
Overall asse	*An unsatisfactory C2) conditions have	v assessment indicates that dangerous (code C1) and/or potentially dangerous (code
F. Recom	mendations mendations	/e Deen Identinied.
Where the ov	verall assessment of the suitability of the installation for continued use at	bove is stated as SATISFACTORY , We recommend that any observations classified a
Investigation v	ent' (code C1) or 'Potentially dangerous' (code C2) are acted upon as a rewithout delay is recommended for observations identified as 'further investigations' (code C2) about the commended for observations identified as 'further investigations' (code C2) about the commended in	estigation required' (code FI).
Observation c	classified as 'Improvement recommended' (code C3) should be given due Subject to the necessary remedial action being taken	the consideration. In We recommend that the installation is further inspected and tested by 10/02/2026
G. Declara		testing of the electrical installation (as indicated by Our signatures below), particulars of ill and care when carrying out the inspection and testing, hereby declare that the
		ached schedules, provides an accurate assessment of the condition of the electrical
Trading Title	I J Cannings & Son Ltd,	
and address	Stratford House, Water Bridge Court,	NICEIC Enrolment Number 9140
	Matford Park Road, Exeter, EX2 8EX	Branch No. (If Applicable) N/A
Inspected an	d tested by:	
	artinDunkin Position 15Approved elec	ctrician Signature Date 16/02/2021
	orised for issue by: Illum Harrison Position qualifying superv	visor Signature Date 16/02/2021
Oa	1 3 3 1	· ·
H. Schedu		
3	Schedule(s) of inspection and 3 Schedule	e(s) of test results are attached

EC3585 - Master

I. Supply	Chara	acteristics	and E	arthing /	Arrangem	ents										
Earthin Arrangem	ng				Live Conduc			Nature of		Paramete	rs		Supply	protective (device	
TN-S	✓	a.c.	✓			d.c.	N/A	Nominal Voltage	U ⁽¹⁾	400	٧	BS(EN)				
TN-C-S	N/A	1-Phase (2 wire)	N/A	1-Phase (3 wire)	N/A	2 Wire	N/A	Nominal Voltage	U ₀ ⁽¹⁾	230	V	60898 1	МСВ			
TN-C	N/A	2-Phase	N/A			3	N/A	Nominal frequency	f ⁽¹⁾	50	Hz	Туре				
		(3 wire)				Wire		Prospective fault current	lpf ⁽²⁾	0.665	kA	С				
тт	N/A	3-Phase (3 wire)	N/A	3-Phase (4 wire)	✓	Other	r N/A	External loop impedance	Ze ⁽²⁾	0.37	Ω	Nominal current ra	iting	63	A	
IT	N/A	Other N/A						Number of supplies		1		Short circ	uit	10	kA	
		Confirmation				V		(Note: (1) by e		, (2) by enq	uiry or	capacity				
J. Partic	ulars o	of Installat	ion Re	ferred to	in the R	eport										
	s of ear	thing	_ ,	.()		D	etails of	finstallation Ea	ırth Ele	_	nere ap	oplicable)				
Distributor's facility	L	✓	Type (e tape etc	e.g. rod(s), c.)	N/A			Locat	tion	N/A						
Installation earth electro	ode 1	V/A	Resista Earth	ince to	N/A			Ω								
			Editi					Meth- meas	od of suremer	nt N/A						
Main Pro	tectiv	e Conduct	tors	Tick h	boxes and en	ter deta	ils as apı	plicable								
Earthing		Materia		pper		csa	16	mm ²	Co	ontinuity Ve	rified	V		Connection \	Verified	V
Conductor Main protect	tive	Materia					16	mm ²						Carportion	Varified	
bonding con		Materia	CO	pper		csa	10	111111		ontinuity Ve	nneu	<u> </u>		Connection \	Verilled	
Bonding of Water installa			stallation	St	ructural N/	A L	Lightning	NI/A		_	n Dema	and (Load)				
р	oipes	*	pipes		Steel N/		rotection	N/A		63		Amps				
Oil installa p	pipes	N/A		r incoming service(s)	Plea:	ise State	;			Protectiv ADS	e meas	sure(s) agai	nst elec	tric shock		
Main Swi	itch / S	Switch-Fu		. ,	aker / R0	CD										
Location		INS POSI							Curre		63	Α	Pater	if RCD mai		
									rating	g /Device	63	A		ition current,	N/A	mA
									rating	g or setting	H			d time delay	N/A	ms
Type BS(EN	ا) 608	898 MCB				o of pole	s 3		Volta rating		400	V		Operating	N/A	ms
Supply Conductors	Со	pper			Supply Conducto	ors 16		mm ²					time a	at, I∆n	1 17.	
material K. Obser	vation	s e			csa											
			(a) of Inci	and	Toot Pacults	and el	hight to	the limitations s	coifier	t at the Ext	ent and	Limitations	of the I	-anaction an	d toeting	acation
								the limitations sp)ecineu	at the Lan	ent and	Lillitations	OI une ii	nspection an	0 testing	Secuon.
No remedial	action is	s required.	✓	The iono	owing observa	itions ar		N/A							Co	
Item No							Obse	ervations							Со	de
<u> </u>																
One of the f	following	codes, as ap	propriate,	has been a	allocated to e	ach of th	ne obsen	vations made ab	ove to	indicate to	the per	son(s) resp	onsible	for the install	lation the	
degree of ur	rgency fo	or remedial ac	ction.			1011 5			0.0	marca:	11.0 F -	3011(3)	011012.	101 415	uuo	
		Risk of injury. It					0									
		erous - urgent i	remediai a	ction require	De		0	_								
		commended ation required w	without de	lav			0	=								

CONDITION REPORT INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100A SUPPLY

Note: this form is suitable for many types of smaller installations, not exclusively domestic.

Outcomes	Acceptable Unacceptable State C1 Improvement State Further condition or C2 recommended C3 investigation FI Verified	N/V Limitation LIM Not applicab	ole N/A
Item No	Description	Outcome	Comments
1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)		
1.1	Service cable	✓	No
1.2	Service head	✓	No
1.3	Earthing arrangement	✓	No
1.4	Meter tails	✓	No
1.5	Metering equipment	✓	No
1.6	Isolator (where present)	N/A	No
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR OTHER SOURCES SUCH AS MICROGENERATORS (551.6; 551.7)	N/A	No
3.0	EARTHING / BONDING ARRANGEMENTS (411.3; Chap 54)		
3.1	Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2)	✓	No
3.2	Presence and condition of earth electrode connection where applicable (542.1.2.3)	✓	No
3.3	Provision of earthing/bonding labels at all appropriate locations (514.13.1)	✓	No
3.4	Confirmation of earthing conductor size (542.3; 543.1.1)	✓	No
3.5	Accessibility and condition of earthing conductor at MET (543.3.2)	✓	No
3.6	Confirmation of main protective bonding conductor sizes (544.1)	✓	No
3.7	Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)	✓	No
3.8	Accessibility and condition of other protective bonding connections (543.3.1;543.3.2)	✓	No
4.0	CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)		
4.1	Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)	✓	No
4.2	Security of fixing (134.1.1)	✓	No
4.3	Condition of enclosure(s) in terms of IP rating etc (416.2)	✓	No
4.4	Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)	✓	No
4.5	Enclosure not damaged/deteriorated so as to impair safety (651.2)	✓	No
4.6	Presence of main linked switch (as required by 462.1.201)	✓	No
4.7	Operation of main switch (functional check) (643.10)	✓	No
4.8	Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)	✓	No
4.9	Correct identification of circuit details and protective devices (514.8.1; 514.9.1)	✓	No
4.10	Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)	✓	No
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit/distribution board (514.14)	✓	No
4.12	Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)	N/A	No
4.13	Presence of other required labelling (please specify) (Section 514)	✓	No
4.14	Compatibility of protective devices, bases and other components; correct type and rating (No signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432, 433)	✓	No
4.15	Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)	✓	No
4.16	Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.5; 522.8.11)	✓	No
4.17	Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1)	✓	No
4.18	RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)	✓	No
4.19	RCD(s) provided for additional protection/requirements - includes RCBOs (411.3.3;415.1)	✓	No
4.20	Confirmation of indication that SPD is functional (651.4)	✓	No
4.21	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	✓	No
4.22	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	N/A	No
4.23	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A	No
5.0	FINAL CIRCUITS		
	Identification of conductors (514.3.1)	✓	No
5.1			
5.1	Cables correctly supported throughout their run (521.10.202; 522.8.5)	✓	No No

CONDITION REPORT INSPECTION SCHEDULE FOR DOMESTIC AND SIMILAR PREMISES WITH UP TO 100A SUPPLY CONTINUED

Note: this form is suitable for many types of smaller installations not exclusively domestic.

Outcomes	Acceptable condition	✓	Unacceptate condition	ole State or C		Improvement ecommended		Further investigation	FI	Not verified	N/V	Limitation	LIM	Not applicable	N/A
Item No					De	escription						Outc	ome		Comments
5.0	FINAL CIRCU	JITS (Co	ontinued)												
5.4	Non-sheathed	d cables	protected by	enclosure	in con	duit, ducting	or trunkin	g (521.10.1)				v	/		No
5.4.1	To include the	e integrit	y of conduit a	nd trunking	g syste	ems (metallic	and plast	ic)				v	/		No
5.5	Adequacy of (523)	cables fo	or current-carı	ying capad	city wit	h regard for t	he type a	nd nature of in	stallation ((Section		•	/		No
5.6	Coordination	between	conductors a	nd overloa	ad prot	ective device	s (433.1;	533.2.1)				٧			No
5.7	Adequacy of p	protectiv	e devices: typ	e and rate	ed curre	ent for fault p	rotection	(411.3)				•			No
5.8	Presence and	d adequa	acy of circuit p	rotective c	onduc	tors (411.3.1	Section	543)				•			No
5.9	Wiring system	n(s) appr	opriate for the	e type and	nature	of the install	ation and	external influe	nces (Sed	ction 522)		•			No
5.10	Concealed ca	bles ins	talled in preso	ribed zone	es (see	Section D. E	xtent and	l limitations) (5	22.6.202)			•			No
5.11	Cables conce (see Section I					lamage		٧	/		No				
5.12	Provision of a	dditiona	l requirement	s for proted	ction b	y RCD not ex	ceeding	30 mA:							
5.12.1	For all socket	-outlets	of rating 32 A	or less, ur	nless a	n exception i	s permitte	d (411.3.3)				•			No
5.12.2	For the supply	y of mob	ile equipment	not excee	eding 3	2 A rating for	use outd	oors (411.3.3)				•			No
5.12.3	For cables co	ncealed	in walls at a	depth of les	ss thar	n 50 mm (522	.6.202; 5	22.6.203)				•			No
5.12.4	For cables co	ncealed	in walls/partit	ions conta	ining n	netal parts re	gardless	of depth (522.6	.203)			•			No
5.12.5	Final circuits	supplyin	g luminaires v	vithin dom	estic (h	nousehold) pr	emises (4	111.3.4)				N/	/A		No
5.13	Provision of fi	ire barrie	ers, sealing ar	rangement	ts and	protection ag	ainst the	mal effects (Se	ection 527)		•			No
5.14	Band II cables	s segreg	ated/separate	ed from Ba	ind I ca	ables (528.1)						٧	/		No
5.15	Cables segre	gated/se	parated from	communic	cations	cabling (528	.2)					٧	/		No
5.16	Cables segre	gated/se	parated from	non-electr	ical se	rvices (528.3)					٧	/		No
5.17	Termination of	of cables	at enclosures	s - indicate	exten	t of sampling	in Sectio	D of the repo	rt (Sectior	n 526)					
5.17.1	Connections	soundly	made and un	der no und	lue stra	ain (526.6)						v	/		No
5.17.2	No basic insu	lation of	a conductor	isible outs	side en	closure (526.	8)					٧	/		No
5.17.3	Connections	of live co	onductors ade	quately en	closec	l (526.5)						٧	/		No
5.17.4	Adequately co	onnected	d at point of e	ntry to enc	losure	(glands, bus	nes etc.)	522.8.5)				٧	/		No
5.18	Condition of a	accessor	ies including	socket-out	lets, sv	witches and jo	oint boxes	(651.2(v))				v	/		No
5.19	Suitability of a	accessor	ies for extern	al influence	es (512	2.2)						٧			No
5.20	Adequacy of v	working	space/access	ibility to ed	quipme	ent (132.12; 5	13.1)					v	/		No
5.21	Single-pole sv	witching	or protective	devices in	line co	onductors only	y (132.14	1;530.3.3)				v	/		No
6.0	LOCATION(S	S) CONT	AINING A BA	ATH OR S	HOWE	R									
6.1	Additional pro	tection f	or all low volt	age (LV) ci	ircuits	by RCD not e	exceeding	30 mA (701.4	11.3.3)			N/	/Α		No
6.2	Where used a	as a prot	ective measu	re, require	ments	for SELV or I	PELV me	(701.414.4.5)				N/	/Α		No
6.3	Shaver socke	ts comp	ly with BS EN	61558-2-	5 forme	erly BS 3535	(701.512	3)				N/	/Α		No
6.4	Presence of s	suppleme	entary bondin	g conducto	ors, un	less not requ	ired by B	6 7671:2018 (7	01.415.2)			N/	/A		No
6.5	Low voltage (e.g. 230	volt) socket-	outlets site	d at lea	ast 3 m from	zone 1 (7	01.512.3)				N/	Ά		No
6.6	Suitability of e	equipme	nt for externa	influences	s for in	stalled location	on in term	s of IP rating (701.512.2)		N/	/Α		No
6.7	Suitability of a	accessor	ies and contr	olgear etc.	for a p	oarticular zon	e (701.51	2.3)				N/	/Α		No
6.8	Suitability of o	current-u	sing equipme	nt for parti	icular p	osition within	the loca	ion (701.55)				N/	/A		No
7.0	OTHER PAR	T 7 SPE	CIAL INSTAI	LATIONS	OR L	OCATIONS									
7.1	List all other s inspections ap		nstallations or	locations	presen	it, if any. (Red	ord sepa	rately the resu	ts of parti		mber of cations		0		No

inspections applied.)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	locations	0	
Inspected By					
Name:	MartinDunkin	Date	: 16/02/20	21	
Signature:	Mille				

Boar	d Deta	ils														
T	O BE CO	MPLETE	D IN EVERY CASE		ONLY T	O BE CO	MPLETE	D IF TH	E DISTR	IBUTION BOARD IS OF THE INSTALLA		NECTED	DIRECT	LY TO T	HE ORIO	SIN
Distril Board Distril board	bution	OFFIC	S POSITION IN CE AR,SCHNIEDER) (Supply to distribution ooard is followed to see the Supplement of the see the	n rom: ises [N/A N/A ctive devi	ce for the		Voltage N/A V tion circuit Rating N/A A	RCD N Poles) lo of	N/A N/A	CD (if an		nA
_		ilo				_										
	uit Deta	alis			ро	hed			7. 5	С	vercurrent p				RCD	Ω)
Circuit number and phase		Circuit	designation	Type of wiring	Reference method	No of points served		cuit tors csa cpc mm ²	Max permitted disconnection times (s)	BS(EN)	AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (⊠n)	Maximum permitted Zs (Ω)
1/L1	Lights radio	o room		А	В	3	1.5	1	0.4	60898 MCB		В	6	10	N/A	7.28
1/L2	Lights mus	ster room		А	В	6	1.5	1	0.4	60898 MCB		В	6	10	N/A	7.28
1/L3	Cooker poi	int kitchen		А	В	1	6	2.5	0.4	60898 MCB		В	32	10	N/A	1.37
2/L1	Radio roon	n fan		А	В	1	1.5	1	0.4	60898 MCB		В	6	10	N/A	7.28
2/L2	muster roo	m fan		А	В	1	1.5	1	0.4	60898 MCB		С	10	10	N/A	2.19
2/L3	Immersion	Heater		А	В	1	2.5	1.5	0.4	60898 MCB		В	16	10	N/A	2.73
3/L1	Ring cct lecture room Ring cct muster room			А	В	8	2.5	1.5	0.4	61009 RCD/RCBC	,	С	32	10	30	0.68
3/L2	Ring cct muster room			А	В	4	2.5	1.5	0.4	61009 RCD/RCBC	•	С	32	10	30	0.68
3/L3	Ring cct muster room Ring cct office/kitchen			А	В	6	2.5	1.5	0.4	61009 RCD/RCBC	,	С	32	10	30	0.68
4/L1	Lights lectu	ure room		А	В	6	1.5	1	0.4	60898 MCB		В	6	10	N/A	7.28
4/L2	Lights corr	/kitchen		А	В	7	1.5	1	0.4	60898 MCB		В	6	10	N/A	7.28
4/L3	Lights offic	ces		A	В	5	1.5	1	0.4	60898 MCB		В	6	10	N/A	7.28
5/L1	Sub Mains	(DB 3)		A	В	1	6	2.5	0.4	60898 MCB		В	32	10	N/A	1.37
5/L2	hand drier	male wc		A	В	1	2.5	1.5	0.4	60898 MCB		В	16	10	N/A	2.73
5/L3	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-
6/L1	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-
6/L2	hand drier	female wc		A	В	1	2.5	1.5	0.4	60898 MCB		В	16	10	N/A	2.73
6/L3	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-
Wirir	ng Cod	e														
		A	В	С		D		E		F	G		Н		0	
	PVC cables PVI PVC/PVC in metallic non			PVC cable in non-metal conduit	lic	PVC cable in metallic trunking		PVC cab in non-meta trunkin	allic	PVC/SWA cables	XLPE/SWA cables		linsulated ables	0	ther	

Board 7	Гests															
		TO BE CO	OMPLETED	IN EVERY	CASE				TE	ST INSTRI	JMENT	S (SERIAL N	UMBERS) USED		
Correct	supply pola	arity confirme	d 🗸		equence co		√				,	0 (02.1	02 10	, 0022		
Su	pplementa	ary Conductor	rs 🗸	(where a	ppropriate)			Earth fau	223	3891MD		RCD	2238	391ME)	
ONLY TO		IPLETED IF T					ECTED	Insulation resistance	n 22'	3891MD		Multi- functi	on N/A			
Zs N/	A s	2 lpf N/	A kA					Continuit		3891MD		Other				
		associated R						Continuit	220	JOS HVID			IN/A			
Details	of circu	its and/or	equipm	ent vuln	erable to	o dama	ge									
NONE																
Circuit 7	Tests															
		Circ	uit Impedar Ω	nces			Insu	lation resis	tance				RC	D	ton	5
Circuit number	Rin	g final circuits	only	All cir (At leas							<u>S</u>	Maximum measured	tion	ا ر د ر	AFDD Test button operation	Remarks see continuation sheet
and phase	(me	easure end to	end)	to be con		Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	Polarity (v)	earth fault loop	Disconnection time	Test button operation	D Test bu	Remarks cont	
	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	(R _{1 + R₂₎}	(R ₂)	Voltage	ΜΩ	ΜΩ	ΜΩ	ΜΩ	_	impedance Ω	Sometimes)	Tes	AFD	see
1/L1	N/A	N/A	N/A	.62	N/A	500	N/A	200	200	200	1	.99	N/A	N/A		NO
1/L2	N/A	N/A	N/A	.83	N/A	500	N/A	200	200	200	1	1.2	N/A	N/A		NO
1/L3	N/A	N/A	N/A	.15	N/A	500	N/A	200	200	200	1	.52	N/A	N/A		NO
2/L1	N/A	N/A	N/A	.47	N/A	500	N/A	200	200	200	1	.84	N/A	N/A		NO
2/L2	N/A	N/A	N/A	.5	N/A	500	N/A	200	200	200	1	.87	N/A	N/A		NO
2/L3	N/A	N/A	N/A	.26	N/A	500	N/A	200	200	200	1	.63	N/A	N/A		NO
3/L1	.61	.61	1.01	.41	N/A	500	N/A	200	200	200	1	.64	39/29	1		NO
3/L2	.47	.47	.78	.31	N/A	500	N/A	200	200	200	1	.66	39/29	1		NO
3/L3	.58	.58	.97	.39	N/A	500	N/A	200	200	200	1	.45	39/29	1		NO
4/L1	N/A	N/A	N/A	.9	N/A	500	N/A	200	200	200	1	1.27	N/A	N/A		NO
4/L2	N/A	N/A	N/A	.61	N/A	500	N/A	200	200	200	1	.98	N/A	N/A		NO
4/L3	N/A	N/A	N/A	1.08	N/A	500	N/A	200	200	200	1	1.45	N/A	N/A		NO
5/L1	N/A	N/A	N/A	.13	N/A	500	N/A	200	200	200	1	.5	N/A	N/A		NO
5/L2	N/A	N/A	N/A	.3	N/A	500	N/A	200	200	200	1	.67	N/A	N/A		NO
5/L3	-	-	ı	-	-	-	ı	-	ı	-	-	-	ī	-	-	-
6/L1	-	-	ı	-	-	-	ı	-	ı	-	-	-	i	-	-	-
6/L2	N/A	N/A	N/A	.34	N/A	500	N/A	200	200	200	1	.71	N/A	N/A		NO
6/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tested	Ву															
Signa	iture			n.HD				Position		15Appro	oved (electrician				
Name		Martin	Dunkin					Date of testing		10/02/2	021					

Boar	d Deta	ils																
Т	O BE CO	MPLETE	D IN EVERY CASI	■	(ONLY T	О ВЕ СО	MPLETE	D IF THI	E DISTR	IBUTION BOARI OF THE INSTA			NECTED	DIRECT	LY TO T	HE ORIO	SIN
Locat	ion of	MAINS	S POSITION IN	J	s	upply to)	1/4				41		Asso	ciated R	CD (if an	y)	
	bution	OFFIC	E (MERLIN	•		istributions		N/A				4	BS(EN)	N/A			
Doard	•	GERA	N)		N	o of pha	ases	N/A		Nomina	I Voltage N/A	V	RCD N	o of				
	bution	DB 2				vercurr	ent proted	ctive devi	ice for the	e distribu	ition circuit		Poles		N/A			
board desig	l nation				Т	ype BS	(EN)	N/A			Rating N/A	А	RCD R	ating	N/A		n	nΑ
Circu	uit Deta	ils																
ber					bu	thod	erved	Cir	cuit	eq ou		Overd	current po device	rotective e			RCD	s (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 (\(\(\lambda n \)	Maximum permitted $\operatorname{Zs}\left(\Omega\right)$
1/L1	Fire Alarm				Α	В	1	1	1	0.4	60898 MCB	3		В	6	10	N/A	7.28
2/L1	Lights Exte	ernal			Α	В	3	1.5	1	0.4	60898 MCB	3		В	6	10	N/A	7.28
3/L1	emergency	lights			А	В	4	1.5	1	0.4	60898 MCB	3		В	6	10	N/A	7.28
4/L1	emergency	lights			Α	В	7	1.5	1	0.4	60898 MCB	3		В	6	10	N/A	7.28
5/L1	vent panne	el .			Α	В	1	1	1	0.4	60898 MCB	3		В	6	10	N/A	7.28
6/L1	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-
				+														
				\dagger														
				+														
Wirir	ng Code	e																
		4	В		С		D		E		F		G		Н		0	
	PVC cables P PVC/PVC in cables metallic no			VC cable in n-metall conduit		PVC cable in metallic trunking		PVC cab in non-meta trunkin	allic	PVC/SWA cables		E/SWA bles		linsulated ables	0	ther		

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Board 7	Tests -															
Dog. J	00.0	TO BE CO	OMPLETED	O IN EVERY	CASE				TE	T WOTEL	·	C (CEDIAL N	· ** *DED0	,oed		
Correct	supply pola	arity confirmed	d 🗸	Phase se	equence co	nfirmed				SIINSIRU	JIVIENI	S (SERIAL N	UMBERS) USED		
		ary Conductor			ppropriate)		✓	Earth fau		3891MD		RCD	2238	391ME)	
		1PLETED IF 1	<u> </u>	IBUTION BO	DARD IS N	OT CONN	ECTED	impedan	ce	סואוו פּטכ)⊖ i ivi∟	,	
		ECTLY TO T		OF THE IN	STALLATIO	ON		Insulation resistance		3891MD		Multi- functi	on N/A			
Zs N/								Continuit	y 223	3891MD		Other	N/A			
		associated R														
	of circu	its and/or	equipm	ient vuln	erable to	o dama	ge									
NONE																
Circuit 1	Tests															
		Circ	cuit Impedan Ω	ices			Insul	lation resis	tance				RC	D	LC.	Ē
Circuit	Div	. 6 1		All cir							3	Maximum measured	- Lo	_	AFDD Test button operation	Remarks see continuation sheet
number and		g final circuits easure end to		(At leas	umn	Test	Live/	Live/	Live/	Earth/	Polarity (v)	earth fault loop	necti	Fest button operation	D Test bu	Remarks continuat sheet
phase	r. (Line)	r (Nautral)	T. (202)	to be con	·	Voltage	Live	Neutral	Earth	Neutral	P	impedance	Disconnection time	Test button operation	VFDD o	see o
1/L1	N/A	r _n (Neutral)	r ₂ (cpc)	(R ₁ + R ₂₎	(R ₂) N/A	500	MΩ N/A	MΩ 200	MΩ 200	MΩ 200		Ω .77	□(ms) N/A	N/A	4	NO
											✓					
2/L1	N/A	N/A	N/A	.69	N/A	500	N/A	200	200	200	✓	1.06	N/A	N/A		NO
3/L1	N/A	N/A	N/A	.57	N/A	500	N/A	200	200	200	✓	.94	N/A	N/A		NO
4/L1	N/A	N/A	N/A	.49	N/A	500	N/A	200	200	200	✓	.86	N/A	N/A		NO
5/L1	N/A	N/A	N/A	.05	N/A	500	N/A	200	200	200	1	.42	N/A	N/A		NO
6/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
								-								
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Tested	Bv															
Signa				ndo				Position	,	15Appro	oved (electrician				
		N 4 =4*	2Du ::= l ::::					Date of								4
Name	;	Martin	Dunkin					testing		10/02/2	U21					

Boar	d Deta	ils																
Т	O BE CO	MPLETE	D IN EVERY CAS	E	ONL	у то	BE COI	MPLETE	D IF THI	E DISTR	RIBUTION BOAR OF THE INSTA			NECTED	DIRECT	LY TO T	HE ORIO	SIN
Distril Board Distril board	bution		IDE RADIO // (MERLIN .N)		Suppl distrib board No of Overco	ution is fro phase urren	m: es 1 t protec	tive devi		Nomina	1) Il Voltage 230 ution circuit Rating 32	V	BS(EN) RCD N Poles RCD R) o of	61008 2 30	CD (if an		ıΑ
Circu	uit Deta	ails																
iber				ing	puthod		erved		cuit	ted		Over	current po device				RCD	s (Ω)
Circuit number and phase		Circuit (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 Zs (Ω)
1/L1	Ring cct ra	dio room		A	В	1	4	2.5	1.5	0.4	61009 RCD/R	СВО		В	32	10	30	1.37
2/L1	SPARE			-	-		-	-	-	-	-		-	-	-	-	-	-
3/L1	SPARE			-	-		-	-	-	-	-		-	-	-	-	-	-
4/L1	SPARE			-	-		-	-	-	-	-		-	-	-	-	-	-
5/L1	Contactor			A	В	•	1	1	1	0.4	60898 MCI	В		В	2	10	N/A	N/A
6/L1	Contactor			A	В	1	1	1	1	0.4	60898 MCI	В		В	6	10	N/A	7.28
7/L1	SPARE			-	-		-	-	-	-	-		-	-	-	-	-	-
8/L1	SPARE			-	-		-	-	-	-	-		-	-	-	-	-	-
Wirir	ng Cod	е																
		Ą	В	С			D		Е		F		G		Н		0	
	PVC cables PVC/PVC in			PVC ca in non-me cond	tallic	n	/C cables in metallic runking		PVC cabl in non-meta trunkin	allic	PVC/SWA cables		E/SWA ables		linsulated ables	C	ther	

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Board 1	ests															
Dodia	JOIJ	TO BE CO	OMPLETED) IN EVERY	CASE					OT INOTES	18.4E.N.T	O (OEDIAL N	LIMPEDO			
Correct s	supply pola	arity confirmed	d 🗸	Phase se	equence co	onfirmed		-	IE	STINSTRU	JMENI	S (SERIAL N	UMBERS) USED		
		ary Conductors			ppropriate)		✓	Earth fau		3891MD		RCD	2238	391ME)	
		MPLETED IF T	•	IBUTION BO	DARD IS N	OT CONN	ECTED	impedan	ce	JOS HVID) S I IVIL	,	
	DIR	ECTLY TO TI		OF THE IN	STALLATI	ON		Insulation resistance		3891MD		Multi- functi				
Zs .5	Ω							Continuit	y 22	3891MD		Other	N/A			
		associated R				ns										
	of circu	iits and/or	equipm	ent vulne	erable t	o dama	ge									
NONE																
Circuit	Tests															
		Circ	uit Impedar Ω	nces			Insul	lation resis	tance				RC	D	LO:	L.
Circuit number	Rin	g final circuits	only	All cire (At leas							3	Maximum measured	noi	c _	AFDD Test button operation	Remarks see continuation sheet
and	(me	easure end to	end)	colu to be con	mn	Test Voltage	Live/	Live/	Live/	Earth/	Polarity (v)	earth fault loop	nnect	est buttor operation	D Test bu	Remarks continuat sheet
phase	r ₄ (Line)	r _n (Neutral)	r ₂ (cpc)	(R ₁ + R ₂)	(R ₂)	Live MΩ	Neutral MΩ	Earth MΩ	Neutral MΩ	۵	impedance Ω	Disconnection (s time	Test button operation	AFD	see	
1/L1	.4	.4	.67	.27	N/A	500	N/A	200	200	200	,	.74	30/4	_		NO
2/L1	_	-	-	_		_	_	_	-	_	√	_	_	√	_	_
3/L1	_	-	-	_		_	_	_	-	_	_	_	_	-	_	_
4/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/L1	N/A	N/A	N/A	.02	N/A	500	N/A	200	200	200	✓	.52	N/A	N/A		NO
6/L1	N/A	N/A	N/A	.01	N/A	500	N/A	200	200	200	1	.51	N/A	N/A		NO
7/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Tested	Ву															
Signa				Mille				Position	1	15Appro	oved (electrician				
								Date of				2.5.				4
Name	‡	Martin	Dunkin					testing		10/02/2	021					

CONDITION REPORT GUIDANCE FOR RECIPIENTS

(to be appended to the Report)

This Report is an important and valuable document which should be retained for future reference.

- 1. The purpose of this Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in a satisfactory condition for continued service (see Section E). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger (see Section K).
- The person ordering the Report should have received the 'original' Report and the inspector should have retained a duplicate.
- 3. The 'original' Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.
- Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested six-monthly. For safety reasons it is important that this instruction is followed.
- 5. Section D (Extent and Limitations) should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the Report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.
- 6. Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in Section D.
- 7. For items classified in Section K as C1 ('Danger present'), the safety of those using the installation is at risk, and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work immediately.
- 8. For items classified in Section K as C2 ('Potentially dangerous'), the safety of those using the installation may be at risk and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.
- 9. Where it has been stated in Section K that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code C1 or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section F).
- 10. For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. The recommended date by which the next inspection is due is stated in Section F of the Report under 'Recommendations' and on a label at or near to the consumer unit/ distribution board.