ELECTRICAL INSTALLATION CONDITION REPORT



A. Deta	ails of the Clier	nt/Person Orde	ring the	Report	B. Re	ason for F	⊃roducii	ng this Rep	ort		
Client:	Environme	ent Agency - NV	10020850)	Purp	ose of this re	port:				
Address:	Kingfisher I Goldhay W Peterborou	House ay, Orton Go l dh	am		ins	spection ar cordance v	nd test of with IS3	esults of the f the installa Specification	tion as pre		
	PE2 5ZR					e(s) on which I testing was ca		30/11/20	021		
C. Det	ails of the Insta	allation which is	s the Sub	ject of this Report				omestic	Commer	rcial	Industrial
Installatio	n: Fisheeries	Lab, Ozone Lal	o & EP			scription of mises:		N/A	N/A		J
Occupier	Environme	ent Agency - NV	10020850		Oth						
Address:	Fish Diseas	ses Lab			N	I/A					
	Central Are					imated age of	• •	tem:		2	yrs yrs
	Bromholme Brampton	e Lane	Р	E28 4NE		dence of alter additions:	ations	✓	If yes estimate	d Age	·2 yrs
Record o	of 🗸	Records held By:	Allianz	Engineering				Date of p		8/11/201	7
	on available:		-								
	ent and Limitati Electrical Installation			sting	Agreed li	mitations inclu	udina the re	easons (See re	gulation 653.	2)	
For E	xtent comments;				For A	greed Limi	tations c	•	<u> </u>	,	
-See	Additional Page				-See	Additional	Page				
Operatio	nal Limitations includi	ing the reasons (See	nage No	Agreed with name	Gary -	- On Site F	acilties.				
	perational Limita			14 10 43							
	Additional Page		-,								
to July It should been ins	2018 I be noted that cables	concealed within tru	unking and c	anying schedules have bee conduits, under floors, in ro and inspector prior to the in	of spaces	s, and general	lly within th	e fabric of the b	ouilding or un	derground, l	have NOT
	nmary of the Co	ondition of the	Installati	On General conditi	on of the	installations (In terms of	electrical safet	y)		
For S	ummary of the C	ondition of the I	nstallatior	n comments;							
See	Additional Page										
Overall	assessment of the in	stallation Unsa	ntisfactory	*An unsatisfactory as: C2) conditions have b			t dangerou	s (code C1) an	d/or potentia	lly dangerou	ıs (code
	ommendations										
'Danger Investiga	present' (code C1) or ition without delay is r	'Potentially dangero recommended for ob provement recommer	us' (code C2 servations id nded' (code l	ion for continued use abov 2) are acted upon as a mat dentified as 'further investig C3) should be given due con nedial action being taken W	ter of urge gation req onsiderati	ency. Juired' (code F on.	=1).		·		s classified as 0/11/2024
G. Dec	whice information	h are described abormation in this report,	ve, having ex including th	for the inspection and test xercised reasonable skill a e observations and attache ated extent and limitations	nd care w ed schedu	hen carrying ules, provides	out the insp an accurat	pection and tes	ting, hereby	declare that	the
Trading and addr							NIIOEIO E	inrolment Numb	per 2338	1	
and addi	Bridge Road Haywards He	eath ,						No. (If Applical		4	
Inanasta	West Sussex	k , RH16 1UA									
Name	Steven Davis		Position	Grade 1 Test Engi	neer	Signature	1		Date	30/11/2	021
Report a	authorised for issue	by:									
Name	Steven Cope		Position	Qualifying Supervi	sor :	Signature	5.	leza	Date	17/12/20	021
H. Sch	nedule(s) The a	attached schedule(s)	are part of t	this document and this rep	ort is valid	d only when th	ney are atta	ached to it.			
13	Schedul	le(s) of inspection an	d 13	Schedule(s)	of test res	sults are attac	hed				

<u>II. Ouppiy</u> Cilai	racteristics	and Ea	<u>arthi</u> ng A	rrangem	ents										
Earthing Arrangements				ive Conduc			Nature of	Supply	Paramete	rs		Supply	protective	device	
TN-S N/A	a.c.	V			d.c.	N/A	Nominal	U ⁽¹⁾	400	V	BS(EN)				
TN-C-S ✓	1-Phase (2 wire)	N/A	1-Phase (3 wire)	N/A	2 Wire	N/A	Voltage Nominal Voltage	U ₀ ⁽¹⁾	230	v	LIM				
	2-Phase	N/A	(5 Will 5,		Wire 3	N/A	Nominal frequency	f ⁽¹⁾	50	Hz	Туре				
TN-C N/A	(3 wire)	IN/A			Wire	IN/A	Prospective	lpf ⁽²⁾	12.13	kA	N/A				
TT N/A	3-Phase (3 wire)	N/A	3-Phase (4 wire)	✓	Other	N/A	fault current External loop impedance		0.03	Ω	Nominal current ra	ating	LIM	A	
IT N/A	Other N/A	ı					Number of		2		Short circ	cuit			
	Confirmation		y polarity		✓		supplies (Note: (1) by e	enquiry,		uiry or	capacity		N/A	kA	
J. Particulars	of Installat	ion Re	ferred to	in the R	eport		by mount	Jin,							
Means of ear						etails of	installation Ea	ırth Ele	ctrode (wi	here ap	plicable)				
Distributor's facility	✓	Type (e.	e.g. rod(s),	N/A			Locat	tion	N/A						
Installation	N/A	tape etc. Resistar		N/A											
earth electrode	N/A	Earth		N/A			Ω Meth	ad of							
								od of suremen	nt N/A						
Main Protectiv	e Conduct	ors	Tick b	oxes and en	ter detai	ls as app	olicable								
Earthing Conductor	Material	ı Cor	pper		csa	120	mm ²	Со	ntinuity Ve	rified	V		Connection	Verified	✓
Main protective	Material		pper		csa	16	mm ²	Co	ontinuity Ve	-:fied			Connection	Verified	
bonding conductors	5	COP	Shei		USA	10	Tillin		fillituity v.	filitu	L'		Comedia	Vermeu	Y
Bonding of Incomi		stallation	Str	uctural N/		ightning			Maximun	n Dema	and (Load)				
pipes	1	pipes	✓ Siit	Steel N/		otection	N/A		N/A		Amps				
Oil installation pipes	N/A	- 1		Plea	se State	:				e meas	sure(s) aga	inst elect	ric shock		
			incoming service(s)	N/A N/A					ADS						
Main Switch /	Switch-Fus	se / Cir	cuit-Brea	aker / RO	D										
Location Ma	ain Intake R	.oom						Curre rating		400	А	Rated	if RCD mai I residual		7
									/Device	400	A		tion current,	N/A	mA
										700	, ,	144			ms
									or setting			Rated	l time delay	N/A	
)947 - 2 MCC	В			o of pole	s 4		rating Voltag rating	ge	400	V		I time delay Operating		
Supply	0947-2 MCC	;B		No Supply Conducto	400		mm ²	Volta	ge	400	V		Operating	N/A	ms
Supply Conductors Co material	opper	;B		Supply	400		mm ²	Volta	ge	400	V	RCD	Operating		
Supply Conductors	opper	В		Supply Conducto	400		mm ²	Volta	ge	400	V	RCD	Operating		
Supply Conductors Co material	opper		ection and	Supply Conducto csa	ors 120)		Voltaç rating	ge J			RCD (time a	Operating at, I∆n	N/A	ms
Supply Conductors material K. Observation	opper ns ached schedule(Supply Conducto csa	120) ubject to t		Voltaç rating	ge J			RCD (time a	Operating at, I∆n	N/A	ms
Supply Conductors material K. Observation Referring to the atta	opper ns ached schedule(e(s) of Insp		Supply Conducto csa Test Results	120) ubject to t e made	the limitations s	Voltaç rating	ge J			RCD (time a	Operating at, I∆n	N/A	ms section.
Supply Conductors material K. Observation Referring to the atta No remedial action i	ns ached schedule(is required.	e(s) of Inspe	The follow	Supply Conducto csa Test Results wing observa	120 s, and su ations are	bject to te made	the limitations sp	Voltage rating	ge J I at the Exte	ent and	Limitation	RCD (time a	Operating at, I∆n	N/A	ms section.
Supply Conductors material K. Observation Referring to the atta No remedial action i Item No 1 6.0	opper ns ached schedule(e(s) of Inspe N/A	The follow	Supply Conducto csa Test Results wing observa	120 s, and su ations are	Dibject to the made Obse	the limitations specified with the limitations are set of the limitations.	Voltage rating	ge J I at the Exte	ent and	Limitation:	RCD (time a	Operating at, I∆n Inspection ar (LV)	N/A nd testing	ms section.
Supply Conductors material K. Observation Referring to the atta No remedial action i Item No 1 6.0 circular	ns ached schedule(is required. N	N/A I(S) COM	The follow NTAINING ceeding 3	Supply Conducto csa Test Results wing observa G A BATH 30 mA (70	120 s, and su ations are	Obse Obse 3.3), C	the limitations specified with the limitations are seen to be seen	Voltage rating	ge J I at the Exte	ent and	Limitation:	RCD (time a	Operating at, I∆n Inspection ar (LV)	N/A nd testing	ms section.
Supply Conductors material K. Observation Referring to the atta No remedial action i Item No 1 6.0 circular	ns ached schedule(is required. N	N/A I(S) CON O not exc	The follow NTAINING ceeding 3 eries build	Supply Conducto csa Test Results wing observa G A BATH 30 mA (70 ding ladies	s, and su ations are	obsession of the control of the cont	ervations ER 6.1 Addit comment: 1 -	Voltage rating pecified tional pecified to 30	ge I at the Exte	ent and on for a	Limitation: all low vo	RCD (time a	Operating at, I∆n Inspection ar (LV) d for	N/A nd testing	ms section.
Supply Conductors material K. Observation Referring to the atta No remedial action in Item No 1 6.0 circularian elect 2 5.0	ns ached schedule(is required. N LOCATION cuits by RCD ctric shower	N/A N/S) COM O not except in Fisher	The follow NTAINING ceeding 3 eries build 5.8 Prese	Supply Conducto csa Test Results wing observa G A BATH 30 mA (70 ding ladies ence and a	tons 120 s, and su attions are H OR S 11.411. s WC I addequate	obsession of control o	ervations ER 6.1 Addit comment: 1 -	voltage rating pecified tional pecified tional pecified tional pecified at the continuous states and the continuous states are the continuous states	ge I at the Extended protection OmA RC onductor	ent and on for a D pro	Limitation: all low votection p	RCD (time a	Operating at, I∆n Inspection ar (LV) d for 643),	N/A Coo	ms section.
Supply Conductors material K. Observation Referring to the atta No remedial action i Item No 1 6.0 circularian electors 2 5.0 Con	ns ached schedule(is required. N LOCATION cuits by RCD ctric shower FINAL CIRC	I(S) CON O not exc in Fisher CUITS 5	The follow NTAINING ceeding 3 eries build 5.8 Prese - Room 5	Supply Conducto csa Test Results wing observation May 12 and 12 and 12 and 12 and 13 and 14 and 15 Socket h	H OR Sold 411. S WC I addequations are successful.	obsection to the made obsection of control o	ervations ER 6.1 Addit comment: 1 -	voltage rating pecified tional pecified tional pecified tional pecified at the continuous states and the continuous states are the continuous states	ge I at the Extended protection OmA RC onductor	ent and on for a D pro	Limitation: all low votection p	RCD (time a	Operating at, I∆n Inspection ar (LV) d for 643),	N/A Coo	ms section.
Supply Conductors material K. Observation Referring to the atta No remedial action i Item No 1 6.0 circular elect 2 5.0 ConOt	ns ached schedule(is required. N LOCATION cuits by RCD ctric shower FINAL CIRC mment: DB1 bservations g codes, as app	I(S) CON O not exc in Fisher CUITS 5 13 14L2 continue propriate, I	NTAINING ceeding 3 eries build 5.8 Presei - Room 5 te on cont	Supply Conducto csa Test Results wing observation May 170 ding ladies and a 5 Socket had a 15	H OR Sold 411. S WC I adequations are on sheet (s	obsession of control o	ervations ER 6.1 Addit comment: 1 - 2 circuit protect	voltage rating pecified tional pecified tional pecified tive continue conti	protectio 0mA RC onductor d Earth -	ent and on for a D pro	All low votection p	RCD (time a oltage (provided ection 5 late circ	Operating at, I∆n Inspection are (LV) Inspection are (LV) Inspection are (LV) Inspection are (LV) Inspection are (LV)	N/A Coo	ms section.
Supply Conductors material K. Observation Referring to the atta No remedial action is Item No 1 6.0 circum elect 2 5.0 ConductorsObt	ns ached schedule(is required. N LOCATION cuits by RCD ctric shower FINAL CIRC mment: DB1 bservations g codes, as app for remedial act	I(S) CON O not exc in Fisher CUITS 5 13 14L2 continue propriate, I	NTAINING ceeding 3 eries build 5.8 Presei - Room 5 le on conthas been all	Supply Conducto csa Test Results wing observation of A BATH 30 mA (70 ding ladies ence and a 5 Socket had been conducted to each of the conducted	H OR Sold 411. S WC I adequations are on sheet (s	obsession of control o	ervations ER 6.1 Addit comment: 1 - 2 circuit protect between Liverations made above	voltage rating pecified tional pecified tional pecified tive continue conti	protectio 0mA RC onductor d Earth -	ent and on for a D pro	All low votection p	RCD (time a oltage (provided ection 5 late circ	Operating at, I∆n Inspection are (LV) Inspection are (LV) Inspection are (LV) Inspection are (LV) Inspection are (LV)	N/A Coo	ms section.
Supply Conductors material K. Observation Referring to the atta No remedial action i Item No 1 6.0 circular elect 2 5.0 ConOt	ached scheduler is required. N LOCATION cuits by RCD ctric shower FINAL CIRC mment: DB1 bservations g codes, as app for remedial act	I(S) CON O not exc in Fishe CUITS 5 13 14L2 - continue propriate, I'	NTAINING ceeding 3 eries build 5.8 Prese - Room 5 le on cont has been all remedial acti	Supply Conducto csa Test Results wing observation and a conductor of the	H OR Sold 411. S WC I adequations are on sheet (s	obset to the made Obset SHOWE 3.3), CDB8 1L acy of conly 94v s)— te observ	ervations ER 6.1 Addit comment: 1 - 2 circuit protect between Liverations made above	voltage rating pecified tional pecified tional pecified tive continue conti	protectio 0mA RC onductor d Earth -	ent and on for a D pro	All low votection p	RCD (time a oltage (provided ection 5 late circ	Operating at, I∆n Inspection are (LV) Inspection are (LV) Inspection are (LV) Inspection are (LV) Inspection are (LV)	N/A Coo	ms section.
Supply Conductors material K. Observation Referring to the atta No remedial action is Item No 1 6.0 circular electors 2 5.0 ConOtt One of the following degree of urgency for the present.	DESTRUCTIONS LOCATIONS LOCATION	I(S) CON O not exc in Fishe CUITS 5 13 14L2 - continue propriate, I'	NTAINING ceeding 3 eries build 5.8 Prese - Room 5 le on cont has been all remedial acti	Supply Conducto csa Test Results wing observation and a conductor of the	H OR Sold 411. S WC I adequations are on sheet (s	observed	ervations ER 6.1 Addit comment: 1 - 2 circuit protect between Liverations made above	voltage rating pecified tional pecified tional pecified tive continue conti	protectio 0mA RC onductor d Earth -	ent and on for a D pro	All low votection p	RCD (time a oltage (provided ection 5 late circ	Operating at, I∆n Inspection are (LV) Inspection are (LV) Inspection are (LV) Inspection are (LV) Inspection are (LV)	N/A Coo	ms section.

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 condition Unacceptable State C1 Improvement State Further condition or C2 recommended C3 investigation FI Not verified	N/V Limitation LIM Not applicab	le 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)	N/A	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)	C2 (see section K)	Yes
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)	FI (see section K)	Yes
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)	✓	No
4.13	Presence of other required labelling (please specify) (Section 514)	N/A	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)	√	No
4.23	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	✓	No
5.0	FINAL CIRCUITS		No
5.1	Identification of conductors (514.3.1)	√	No
5.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	√	No
5.3	Condition of insulation of live parts (416.1)	✓	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	✓	Unacceptable condition	State C or C2		provement ommended	State C3	Further investigation	Fl	Not verified	N/V	Limitation	LIM	Not applicable	N/A
Item No					Desc	ription						Outc	ome		Comments
5.0	FINAL CIRCUI	TS (Cor	ntinued)												
5.4	Non-sheathed o	cables p	protected by e	nclosure in	condu	it, ducting o	r trunking	g (521.10.1)				v			No
5.4.1	To include the in				-		•					✓			No
5.5	Adequacy of ca 523)	ibles for	current-carryi	ng capacit	ty with i	egard for th	ne type a	nd nature of in	stallation (Section		~	/		No
5.6	Coordination be	etween o	conductors an	d overload	protec	tive devices	s (433.1;	533.2.1)				C2 (see s	ectio	n K)	Yes
5.7	Adequacy of pro	otective	devices: type	and rated	curren	t for fault pr	otection	(411.3)				C2 (see s	ectio	n K)	Yes
5.8	Presence and a	adequac	y of circuit pro	tective co	nducto	s (411.3.1;	Section	543)				C2 (see s	ectio	n K)	Yes
5.9	Wiring system(s	s) appro	priate for the	type and n	ature o	f the installa	ation and	external influe	nces (Sec	ction 522)		V	/		No
5.10	Concealed cabl	les insta	alled in prescri	bed zones	(see S	ection D. E	xtent and	l limitations) (5	22.6.202)			LII	M		No
5.11	Cables conceal (see Section D.					alls/partition	s, adequ	ately protected	against d	amage		LII	М		No
5.12	Provision of add	ditional	requirements	for protecti	ion by F	RCD not ex	ceeding (30 mA:							
5.12.1	For all socket-o	utlets of	f rating 32 A o	r less, unle	ess an	exception is	permitte	d (411.3.3)				✓			No
5.12.2	For the supply of	of mobil	e equipment r	ot exceed	ing 32 .	A rating for	use outd	oors (411.3.3)				V			No
5.12.3	For cables cond	cealed in	n walls at a de	pth of less	than 5	0 mm (522.	6.202; 5	22.6.203)				~			No
5.12.4	For cables cond	cealed in	n walls/partitio	ns contain	ing me	tal parts reg	gardless (of depth (522.6	.203)			~			No
5.12.5	Final circuits su	ıpplying	luminaires wit	thin domes	stic (ho	usehold) pre	emises (4	11.3.4)				N/	Ά		No
5.13	Provision of fire	barrier	s, sealing arra	ngements	and pr	otection aga	ainst ther	mal effects (Se	ection 527)		LII	M		No
5.14	Band II cables s	segrega	ited/separated	from Ban	d I cabl	es (528.1)						~			No
5.15	Cables segrega	ated/sep	arated from c	ommunica	tions ca	abling (528.	2)					~			No
5.16	Cables segrega	ated/sep	arated from n	on-electric	al servi	ces (528.3)						~			No
5.17	Termination of o	cables a	at enclosures -	indicate e	extent o	f sampling i	n Section	D of the repo	rt (Section	1 526)					
5.17.1	Connections so	undly m	nade and unde	er no undu	e strain	(526.6)						v			No
5.17.2	No basic insulat	tion of a	a conductor vis	sible outsic	de enclo	osure (526.8	3)					v			No
5.17.3	Connections of	live con	nductors adeq	uately end	osed (526.5)						v			No
5.17.4	Adequately con	inected	at point of ent	ry to enclo	sure (g	lands, bush	es etc.) (522.8.5)				v			No
5.18	Condition of acc	cessorie	es including so	cket-outle	ts, swit	ches and jo	int boxes	(651.2(v))				C2 (see s	ectio	n K)	Yes
5.19	Suitability of acc				•							v			No
5.20	Adequacy of wo											· ·			No
5.21	Single-pole swit					ductors only	(132.14.	1;530.3.3)							No
6.0	LOCATION(S)										T				Vee
6.1	Additional prote			, , ,					11.3.3)			C2 (see s		n K)	Yes
6.2	Where used as	•										v	100		No
6.3	Shaver sockets											v			No
6.4	Presence of sur							•	01.415.2)			~	,		No
6.5	Low voltage (e.											~	,		No
6.6	Suitability of eq								701.512.2)		~	,		No
6.7	Suitability of acc						•					~	<i>'</i>		No
6.8	Suitability of cui			· ·			the locat	ion (701.55)							No
7.0	OTHER PART									. .					
7.1	List all other spe inspections app		stallations or lo	cations pr	esent,	ıı any. (Rec	ora sepa	rately the resu	is of parti		mber of cations		0		No

Inspected By				
Name:	Steven Davis	Date:	30/11/2021	
Signature:	f			

0.05.001															
O BE COM	MPLETE	D IN EVERY CASE		ONLY T	O BE CO	MPLETE	D IF THI	E DISTF	RIBUTION BOARD OF THE INSTAL		NNECTE	D DIRECT	LY TO T	HE ORIC	3IN
ion of	Main F	Ruilding									Ass	ociated R	CD (if an	y)	
bution	IVIGIT: _	Juliumy				N/A				BS(I	EN)	N/A			
			1	No of pha	ases	V/A		Nomina	N/A	V	,				
bution	DB Ma	ain Panel		Overcurre	ent proted	ctive devi	ce for the	e distrib	ution circuit			N/A			
i nation			7	Гуре BS(EN)	V/A			Rating N/A	A RCE	Rating	N/A		n	nA
uit Deta	ils														
			- Bu	thod	erved		cuit	on on				е		RCD	s(Ω)
	Circuit o	lesignation	Type of wiri	Reference me	No of points se	Live mm ²	cpc mm ²	Max permitt disconnecti times (s)	BS(EN)	AFD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (l∆n)	Maximum permitted Zs (Ω)
Not Covere	d on this re	eport	١	١	١	1	١	١	1		\	١	١	1	1
Not Covere	d on this re	eport	١	١	١	1	١	١	1		١	١	1	1	١
Sub Mains(DB Interse	rve)	F	D	2021	35	84	5	60947-2 MCCE	3		100	35	N/A	0.23
Sub Mains(DB 13)		F	D	2021	35	84	5	60947-2 MCCE	3		100	35	N/A	0.23
Not Covere	d on this re	aport	١	\	١	١	١	١	1		\	\	١	١	١
Not Covere	d on this re	eport	١	١	١	1	١	١	1		١	\	١	1	١
Way Not Av	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
Way Not Av	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
Way Not Av	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
Way Not Av	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
Way Not A	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
Way Not A	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
Way Not Av	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
Way Not A	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
Way Not A	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
Way Not Av	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
Way Not Av	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
Not Covere	d on this re	eport	١	١	١	١	١	١	\		١	١	١	١	١
Not Covere	d on this re	eport	١	\	\	١	١	١	\		١	١	١	١	١
Way Not Av	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
Way Not Av	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
Not Covere	d on this re	eport	١	١	١	١	١	١	1		١	١	١	١	١
·															
 I															
ng Code	е														
		В	C		D	T	E	T	F	G	T	Н	Τ	0	1
													1		-
		PVC cables in met allic conduit	in non-metal	llic	in metallic		in non-meta	allic	PVC/SWA cables	XLPE/SWA cables			C	ther	
	Not Covere Not Covere Not Covere Sub Mains(Sub Mains(Not Covere Way Not Av Way Not Covere Way Not Covere Way Not Covere	DB Manation Lit Details Circuit do Not Covered on this results Not Covered on this results Sub Mains(DB Interses Sub Mains(DB Interses Sub Mains(DB Interses Sub Mains(DB Interses Way Not Available Way Not Available	DB Main Panel DB Mai	DB Main Panel Circuit designation Not Covered on this report Not Covered on this report Not Covered on this report Sub Mains(DB Interserve) Sub Mains(DB 13) Not Covered on this report Not Covered on this report Way Not Available	DB Main Panel Da Mai	DB Main Panel DB Main Panel Description Document Documen	Duttion DB Main Panel Type BS(EN) N/A Overcurrent protective devi	Main Panel DB Main Panel	DB Main Panel DB Main Pane	Supply to distribution board is from: No of phases N/A	distribution bard is from: No of phases DB Main Panel DB Main Pa	Supply to distribution DB Main Panel DB Ma	Supply to distribution Supply to distribut	Associated RCD (if an absolution guide) Main Building Main Panel DB Main Panel DB Main Panel Type BSIEN) N/A Normal Voltage N/A Voltage N/A A Roll Rading N/A Rading N/A Roll Rading N/A ROD Rading N/A ROD Rading N/A ROD Rading ROD Rading ROD Rading ROD Rading N/A ROD Rading N/A ROD Rading N/A ROD Rading R	Supply 10 destribution Supply 10 destribution N/A Nominal Voltage N/A Voltage

SOFILL	JULL O	r Circo	II ILS	13 FOR	IIIL IIN	JIALLA	HON				٥	0540 - N	lasici			
Board ¹	Tests															
		TO BE C	OMPLETE	O IN EVERY	CASE				TE	ST INSTRI	JMENT	S (SERIAL	NUMBER	S) USEC)	
Correct	supply pol	arity confirme	ed 🗸		equence co		N/A	Earth fai				- (-		,		
Sı	upplementa	ary Conducto	rs 🗸	(wnere a	ppropriate)			loop impedar	21	70068		RCI	217	70068		
ONLY T		MPLETED IF					ECTED	Insulatio	n 21	70068		Mul				
Zs N	/A _ <u>c</u>	2 lpf N/	'A k∆	\				resistan	-				AIOII			
Operatir	ng times of	associated F	RCD (if any)	At I∆ n N	/A n	ns		Continui	ty 21	70068		Oth	er N/A			
Details	of circu	uits and/o	r equipn	nent vuln	erable t	o dama	ge									
N/A																
Circuit	Tests															
		Circ	cuit Impeda Ω				Insu	lation resis	stance			Maximun		CD	ig Lo	uo
Circuit number		g final circuit		All cir (At lea	st one						Polarity (v)	measured	i g	 6 g	est but	iarks
and phase	(me	easure end to	end)	to be cor		Test Voltage	Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	Polar	loop impedanc	1 2 2	Test button operation	AFDD Test button operation	Remarks see continuation
	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	(R ₁ + R ₂₎	(R ₂)		ΜΩ	ΜΩ	ΜΩ	ΜΩ		Ω	ງ ເ ເ ເ ເ c ms) ਜ਼ੁ ਲ	AFI	Se
1/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
2/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
3/TP	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.08	N/A	N/A		NO
4/TP	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.07	N/A	N/A		NO
5/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
6/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
7/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
17/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
17/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
													1			+
Tested	Ву								1							
Signa				Pre	=			Positio	1	Test Er	ginee	er				
Name	e	Dioha	ard Johns					Date of		01/12/2						4
1 VOITE	-	KICHE	iiu JuliiiS	•				testing		01/12/2	UZ 1					

Boar	rd Detai l s														
Т	O BE COMPL	LETED IN EVERY CASE		ONLY T	O BE CO	MPLETE	D IF THI	E DISTR	BUTION BOARD IS I		NECTED	DIRECT	LY TO T	HE ORIG	SIN
Locat	en of Fig	sheries Lab Main		Supply to	,		(5.5				Asso	ociated R0	CD (if an	y)	
Distrib	bution En	ntrance Electric	d	distributio board is f	on S	SubMai	ins(DB	Main F	Panel, 4/TP)	BS(EN		N/A			
Board	Cı	upboard	N	No of pha	ases	3		Nominal	l Voltage 400 V	RCD N	,				
Distril	bution DE	B 13		Overcurro	ent protec	ctive devi	ce for the	e distribu	ution circuit	Poles	O OI	N/A			
board) IS	7	Гуре BS((EN) (60947 - 2	2 MCC	В	Rating 100 A	RCD R	lating	N/A		n	nA
Circu	uit Details														
			- Bu	thod	erved	Cir	rcuit	ba C	Ov	ercurrent po				RCD	(Ω)
Circuit number and phase	Cir	rcuit 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 (l∆n)	Maximum permitted Zs (Ω)
1/TP	Sub Mains(DB 1	15)	F	E	2021	25	76	5	60898 MCB]!	С	63	10	N/A	0.35
2/TP	Way Not Availal	ble	-	-	-	-	-	-	-	-	-	-	-	-]	-
3/TP	Way Not Availal	ble	-	-	-	-	-	-	-	-	-	-	-	-	-
4/L1	Way Not Availal	ble	-	-	-	-	-	-	-	-	- 1	-	-	-	-
4/L2	Histology Socke	ets	А	С	2021	4	1.5	0.4	60898 MCB		В	32	10	N/A	1.37
4/L3	Room 15 & corr	ridor sockets	А	С	2021	2x4	2x1.5	0.4	61009 RCD/RCBO		В	32	10	30	1.37
5/L1	Room 1 & 4 & (entrance lobby Sockets	A	С	2021	2x4	2x1.5	0.4	61009 RCD/RCBO	+ 1	В	32	10	30	1.37
5/L2	Room 4 Cooker	r Socket - As Marked	A	С		6	2.5	0.4	60898 MCB	+	В	32	10	N/A	1.37
5/L3	Room 4 Water I	Heater - As Marked	A	С		2.5	1.5	0.4	60898 MCB	+ +	С	20	10	N/A	1.09
6/L1	Room 2 AC unit	t - As Marked	A	С		2.5	1.5	0.4	60898 MCB	+	С	20	10	N/A	1.09
6/L2	Room 3 Sockets	s	A	С	2021	2x2.5	2x1.5	0.4	61009 RCD/RCBO	+ +	В	32	10	30	1.37
6/L3	Not Marked For	: Duty	А	С		2.5	1.5	0.4	60898 MCB	+ 1	С	16	10	N/A	1.37
7/TP	Fume cupboard	i - As Marked	А	С		4	4	0.4	60898 MCB	+ 1	С	16	10	N/A	1.37
8/L1	Room 3 Desk S	jockets	А	С	2021	2x2.5	2x2.5	0.4	61009 RCD/RCBO	+ - 1	В	32	10	30	1.37
8/L2	Room 2 & 3 RC	D sockets	A	С	2021	1.5	1.5	0.4	61009 RCD/RCBO	+	В	32	10	30	1.37
8/L3	Gents hand Dry	yer WC - As Marked	A	С		2.5	1.5	0.4	60898 MCB	+ +	С	20	10	N/A	1.09
9/TP	Room 2 Fume (Cupboard - found in off	А	С		1.5	1.5	0.4	60898 MCB		С	6	10	N/A	3.64
10/TP	Way Not Availal	ble	-	-	-	-	-	-	-	-	-	-	-	-	-
11/TP	Way Not Availal	ble	-	-	-	-	-	-	-	-	-	- 1	-	-	-
12/L1	Room 3 Sockets	s	A	С	2021	2.5	1.5	0.4	61009 RCD/RCBO		В	20	10	30	2.19
12/L2	Way Not Availal	ble	-	-	-	-	-	-	-	-	- 1	-	-	-	-
12/L3	Way Not Availal	ble	-	-	-	-	-	-	-	-	-	-	-	-	-
13/L1	Way Not Availal	ble	-	-	-	-	-	-	-	-	-	-	-	-	-
13/L2	Room 3 Bench	sockets	A	С	2021	2.5	1.5	0.4	61009 RCD/RCBO		В	16	10	30	2.73
Wirir	ng Code														
	Α	В	С		D		E		F	G	T	Н		0	
	PVC/PVC cables		PVC cable in non-metall conduit	lic	PVC cable in metallic trunking	, ,	PVC cabl in non-meta trunkin	allic		LPE/SWA cables		linsulated ables	0	Other	

		- 0.50	·= == o=	~=~=			-									
SCHED	ULE O	F CIRCU	IT TEST	SFOR	THE INS	STALLA	TION				8	0348 - Ma	aster			
Board T	Tests															
		TO BE C	OMPLETED	IN EVERY	CASE				TES	T INSTRU	JMENT	S (SERIAL N	UMBERS) USED		
		arity confirme			equence co ppropriate)	nfirmed	N/A	Earth fau	217	0068		RCD	2170	0068		
ONLY TO		IPLETED IF					ECTED	Insulation resistance	ce 217	0068		Multi- functi	N/A			
Zs 0.0					I/A m	s		Continuit		0068		Other				
Details	of circu	iits and/oi	r equipm	ent vuln	erable to	dama	ge									
N/A	Details of circuits and/or equipment vulnerable to damage															
Circuit 7	Tests															
		Circ	cuit Impedar Ω	nces			Insul	ation resis	tance				RC	D	on	5
Circuit number and phase		g final circuits easure end to		(At lea	rcuits ast one umn mpleted)	Test Voltage	Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	Polarity (v)	Maximum measured earth fault loop impedance	Disconnection (%)	Test button operation	AFDD Test button operation	Remarks see continuation sheet
	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	(R ₁ + R ₂₎	(R ₂)		ΜΩ	ΜΩ	ΜΩ	ΜΩ		Ω	io (ms)	Te e	AF	Se
1/TP	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.27	N/A	N/A		NO
2/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4/L1	-	-	-	-	-	-	-	-	-	_	-	-	_	-	-	-

and phase		easure end to		to be co	umn mpleted)	Test Voltage	Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	Polarit	earth fault loop impedance	Disconnect (sm time	Test butto operation	AFDD Tes opera	Rema see contii
	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	(R ₁ + R ₂₎	(R ₂)		ΜΩ	ΜΩ	ΜΩ	ΜΩ		Ω	⊠ _(ms)	_ 5 P	AF	S S
1/TP	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.27	N/A	N/A		NO
2/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.76	N/A	N/A		NO
4/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.81	93/26	1		NO
5/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.54	39/29	1		NO
5/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
5/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
6/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
6/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.36	29/29	1		NO
6/L3	N/A	N/A	N/A	N/A	N/A	N/V	N/A	N/A	N/V	N/A		N/V	N/A	N/A		NO
7/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
8/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	1.57	29/29	1		NO
8/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	1.00	39/29	1		NO
8/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
9/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
10/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.60	29/29	1		NO
12/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/L3	-	=	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.56	29/29	1		NO

12/L3	-	=	-	-	-	-	-	=	-	-	-	=	-	-	-	-
13/L1	-	=	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.56	29/29	✓		NO
Tactad	Rv															

1-Test Engineer Position Signature Date of testing Name 02/12/2021 Richard Johns

Doai	d Deta	IIS																
Т	O BE CO	MPLETE	D IN EVERY CASE	Ε		ONLY TO	D BE CO	MPLETE	D IF THI	E DISTR	RIBUTION BOARI OF THE INSTA			NECTED	DIRECTI	LY TO T	HE ORIC	SIN
Locati	ion of	Fisher	ies Lab Main			upply to		N/I oi	/DD	Main	DL 4/TD)			Asso	ciated R0	CD (if an	y)	
Distrib	oution		ice E l ectric			stributio oard is f		Subivia	ins(DB		Panel, 4/TP)	-11	BS(EN)	N/A			
Board		Cupbo	ard		N	o of pha	ses 3	3		Nomina	Voltage 400	V	RCD N	o of	NI/A			
Distrib		DB 13			0	vercurre	ent protec	tive devi	ce for the	e distribu	ution circuit		Poles		N/A			
board desigi					Ty	ype BS(EN)	60947-2	2 MCC	В	Rating 100	А	RCD R	ating	N/A		n	ıΑ
Circu	ıit Deta	ils																
ber					Du	thod	erved	Cir	cuit	ed ou		Overd	current p device				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 (l∆n)	Maximum permitted Zs (Ω)
13/L3	Room 2 & :	3 Sockets			А	С	2021	4	1.5	0.4	61009 RCD/R0	СВО		В	32	10	30	1.37
14/L1	Way Not A	vailable			-	-	1	-	-	-	-		-	-	-	-	-	-
14/L2	Room 5 so	ckets/ serv	er		А	С	L I M	2.5	1.5	0.4	61009 RCD/RC	СВО		С	20	10	30	1.09
14/L3	Room 1 so	ckets			Α	С	2021	2x2.5	2x1.5	0.4	61009 RCD/R0	СВО		В	32	10	30	1.37
15/L1	Room 5 Sc	ckets RHS	;		А	С	2021	2x2.5	2x1.5	0.4	61009 RCD/RC	СВО		В	32	10	30	1.37
15/L2	Lights auto	5 Sockets RHS autopsy - As Marked Room 3 - As Marked			А	С		1.5	1	0.4	60898 MCE	3		В	6	10	N/A	7.28
15/L3	Lights Roo	m 3 - As M	ıarked	+	А	С		1.5	1	0.4	60898 MCE	3		В	6	10	N/A	7.28
16/L1	Room 9 & '	Wc Its - As	Marked	+	А	С		1.5	1	0.4	60898 MCE	3		В	6	10	N/A	7.28
16/L2	Lights Dark	Room - A	.s Marked	+	А	С		1.5	1	0.4	60898 MCE	3		В	6	10	N/A	7.28
16/L3	Room 5 Sc	ckets LHS		+	А	С	2021	4	1.5	0.4	61009 RCD/R0	СВО		В	32	10	30	1.37
17/L1	Room 9 Sc	ckets		+	А	С	2021	2x2.5	2x1.5	0.4	61009 RCD/RC	СВО		В	32	10	30	1.37
17/L2	Dark Room	Sockets F	Rooms 6 & 6A	+	А	С	2021	2x2.5	2x1.5	0.4	61009 RCD/RC	СВО		В	32	10	30	1.37
17/L3	Fish Tank	Socket entr	rance	+	А	С	N/V	2.5	1.5	0.4	60898 MCE	3		С	20	10	N/A	1.09
18/L1	Lighting Ro	om 2,3 & 5	5 - As Marked	+	А	С		1.5	1	0.4	60898 MCE	3		В	6	10	N/A	7.28
18/L2	Entrance L	ights		+	А	С	2021	1.5	1	0.4	60898 MCE	3		В	6	10	N/A	7.28
18/L3	Door Entry	- As Marke	ed	+	А	С		1.5	1	0.4	60898 MCE	3		В	6	10	N/A	7.28
				+														
				+														
				+														
				+														
				+														
				+														
				+														
\\/irir	ng Code	9																
VVIIII			Б											T				7
	[*]	4	В		С		D	\perp	E		F		G	-	H		0	
		/PVC bles	PVC cables in metallic conduit	non-	cables in metalli onduit		PVC cable in metallic trunking		PVC cabl in non-meta trunkin	allic	PVC/SWA cables		E/SWA ables		insulated ables	0	ther	

	JULE O	F CIRCU	II IESI	15 FUR	I HE INS	STALLA	IION				8	0348 - IVI	aster			
Board ⁻	Tests															
		TO BE C	OMPLETE	O IN EVERY	CASE				TE	ST INSTRU	JMENT	S (SERIAL N	IUMBERS) USED	,	
Correct	supply pol	arity confirme	ed 🗸		equence co		N/A	Earth fau						,		
Sı	upplementa	ary Conducto	rs 🗸	(where a	ippropriate)			loop impedan	21	70068		RCD	2170	0068		
ONLY T		MPLETED IF RECTLY TO T					ECTED	Insulation resistance	1 21	70068		Multi- functi				
Zs 0.0								Continuit		70068		Other				
		associated F				ns .		- Communication	, 21	70000			14//-			
	of circu	iits and/o	r equipm	nent vuln	erable t	o dama	ge									
N/A																
Circuit	Tests	Circ	cuit Impeda	nces							1					
Circuit			Ω		rcuits		Insu	lation resis	tance			Maximum	RC	D	ntton	tion
number		g final circuit		(At lea	st one	Test	Live/	Live/	Live/	Earth/	Polarity (v)	measured earth fault	ection	ion	D Test bu	Remarks e continuation
phase	(1110	1	T		mpleted)	Voltage	Live	Neutral	Earth	Neutral	Pols	loop impedance	Disconnection (sm time	Test button operation	AFDD Test button operation	See co
	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	(R _{1 + R₂)}	(R ₂)		ΜΩ	ΜΩ	ΜΩ	ΜΩ		Ω		٦	¥	
13/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.51	29/29	✓		NO
14/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14/L2	N/A	N/A	N/A	N/A	N/A	LIM	N/A	N/A	LIM	N/A		LIM	N/A	N/A		NO
14/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.56	29/29	1		NO
15/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	✓	0.66	29/29	1		NO
15/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
15/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
16/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
16/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
16/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	✓	0.82	39/29	✓		NO
17/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	1.40	29/29	1		NO
17/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	✓	0.73	30/29	1		NO
17/L3	N/A	N/A	N/A	N/A	N/A	N/V	N/A	N/A	N/V	N/A		N/V	N/A	N/A		NO
18/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
18/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.83	N/A	N/A		NO
18/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
Tested	Ву						,			1	•			•		
Signa	ature			1-1-				Position	ı	Test En	ginee	er				
Name	e	Richa	ard Johns					Date of		02/12/2	021					

testing

Boar	d Detai	ils																
Т	O BE CO	MPLETE	D IN EVERY CASE	Ī	OI	NLY TO	O BE CO	MPLETE	D IF THE	E DISTF	RIBUTION BOARI OF THE INSTA			IECTED	DIRECTI	LY TO T	HE ORIG	AIN
Locati	ion of	Fisher	ies Switchroon			ipply to						41		Asso	ciated R0	CD (if an	.y)	
Distrib Board	oution	1 101.0.	165 Ownord Co			stributio ard is fr		3ubMaı	ins(DB	Main	Panel, 3/TP)		BS(EN)		N/A			
Doura					No	of pha	ises 3	3		Nomina	al Voltage 400	V	RCD N					
Distrik		DB Int	erserve		Ov	ercurre	ent protec	tive devi	ce for the	e distrib	ution circuit		Poles		N/A			
board desigr					Ту	pe BS(I	EN) (60947 - 2	2 MCC	В	Rating 100	А	RCD R	ating	N/A		n	nΑ
Circu	uit Deta	ils									_							
ber					Du l	ethod	erved		cuit	on G		Overcu	urrent pr device	otective			RCD	s(Ω)
Circuit number and phase		Circuit o	designation	T	l ype 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 (l∆n)	Maximum permitted Zs (Ω)
1/TP	Sub Mains((DB 16 Sw	itch Fuse)		D	В	2021	25	25	5	60947 - 2 MCC	СВ			100	35	N/A	0.23
2/TP	Sub Mains((DB 9)			D	В	2021	25	25	5	60947-2 MCC	СВ			100	35	N/A	0.23
3/TP	Sub Mains((DB 8)			D	В	2021	25	25	5	60947-2 MCC	СВ			100	35	N/A	0.23
4/TP	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-
5/TP	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-
6/TP	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-
7/TP	SPARE			-	-	-	-	-	-	-	-		-	-	-	-	-	-
				+	+													
				+	+													
				+	+													
				+	+													
				+	+								\longrightarrow					
				+	+					-			\longrightarrow					
				+	+					-			\longrightarrow					
				+	\dashv													
				+	+								\longrightarrow					
				_	4													
				_	_													
				\bot	\dashv													
				\perp	\perp													
					\perp													
					\perp													
						l .												
Wirin	ng Code	е																
		4	В	1	С	\top	D		Е		F	G	 }		Н		0]
		/PVC bles	PVC cables in metallic conduit	i non-n	cables in metallic nduit		PVC cable in metallic trunking		PVC cabl in non-meta trunkin	allic	PVC/SWA cables	XLPE/ cabl			insulated ables	0	ther	_
														•		•		

Board ³	Tests																
			_	O IN EVERY	CASE				Т	EST INSTRI	JMENT	S (SEF	RIAL NU	IMBERS)) USED		
Correct	supply pol	arity confirme	ed 🗸	Phase s	equence co	onfirmed	N/A	Earth fai	ult								
Sı	upplementa	ary Conductor	rs 🗸	(Wilele a	ірргорпаце)			loop impedar	10	01291679			RCD	1012	29167	9	
ONLY T		MPLETED IF					ECTED	Insulatio	n 10	01291679			Multi-	N/A			
Zs 0.								resistan	ce Li	31231073			function	U 14/7			
		associated F			I/A n	ns		Continui	ty 10	01291679			Other	N/A			
		uits and/o				o dama	ge										
N/A							<u> </u>										
I IN/A																	
Circuit	Tests																
		Circ	cuit Impeda Ω	nces			Insu	lation resis	tance					RCI	D	LO LO	
Circuit number	Rin	g final circuits	s only		rcuits ast one						3	meas	imum - sured	noi	c _	AFDD Test button operation	Remarks see continuation sheet
and		easure end to		col	umn	Test	Live/	Live/	Live/		Polarity (v)		fault op	me	Test button operation) Tes	Rema contin
phase	ra (Line)	r _n (Neutral)	r ₂ (cpc)	(R ₁ + R ₂)	mpleted) (R ₂)	Voltage	Live MΩ	Neutral MΩ	Earth MΩ	Neutral MΩ	مَ		dance	Disconnection By time	Test	AFDI.	see
1/TP	N/A	N/A	N/A	N/A	N/A	LIM	N/A	N/A	LIM	N/A			12	N/A	N/A		NO
	N/A					LIM			LIM		√						
2/TP		N/A	N/A	N/A	N/A		N/A	N/A		N/A	1	0.		N/A	N/A		NO
3/TP	N/A	N/A	N/A	N/A	N/A	LIM	N/A	N/A	LIM	N/A	1	0.	10	N/A	N/A		NO
4/TP	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
5/TP	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
6/TP	-	-	-	-	-	-	-	-	-	-	-	<u> </u>	-	-	-	-	-
7/TP	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
															-		
												-					
										+					 	-	
										_					-		
												1			<u> </u>		
Tested	Ву																
Signa	ature			1				Positio	1	Grade '	1 Tes	t Engi	neer				
Name	e	Steve	n Davis					Date of		02/12/2	N21						7
, tall		Sieve	II Davis					testina		<u> </u>	UZ 1						

Boar	rd Detai	ls														
Т	O BE CO	MPLETE	ED IN EVERY CASE		ONLY T	O BE CC	MPLETE	D IF THI	E DISTR	BUTION BOARD OF THE INSTALL		VECTED	DIRECTI	LY TO T	HE ORIC	SIN
Locat	tion of	Fisher	ries Switchroom		Supply to	,	SubMa	inc/DR	Intere	erve, 3/TP)		Asso	ociated RC	CD (if an	y)	
	bution			l k	distribution board is f	from:		แร(บบ			BS(EN)	N/A			
				_	No of pha	L	3				V RCD N	o of	N/A			
Distrib board	bution	DB 8								ution circuit	Poles					
desigi	nation				Type BS((EN)	60947-2	2 MCC	В	Rating 100	A RCD R	ating	N/A		m	nA
	uit Deta	ils			च	T 78					Overcurrent p	rotective			200	<u> </u>
ımber				viring	metho	serve		rcuit tors csa	ction (s)		device			#2	RCD	Ω) S Z
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 (I∆n)	Maximum permitted Zs(Ω)
1/L1	RCD Modul	le Coverin	g	-	-	-	-	-	-	-	-	-	-	-	-	-
1/L2	Sockets - E	xperiment	tal Wet Room	А	В	2021	2x4	2x1.5	0.4	3871 MCB		2	32	9	30	0.97
1/L3	Electric Sho	ower - Lad	dies Shower Room	А	В	2021	6	4	0.4	3871 MCB		2	32	9	N/A	0.97
	Room 23 Co Marked	CTV Fuse	ed Connection Units - As	s A	В		2.5	1.5	0.4	3871 MCB		2	10	9	N/A	3.12
	Autopsy Lai Marked	b Formleh	nycle Machine - As	А	В		2x4	2x1.5	0.4	3871 MCB		2	32	9	N/A	0.97
2/L3	AC room Pr	m - As Ma	ırked	G	С		4	4	0.4	3871 MCB		2	20	9	N/A	1.56
3/L1	Wet Room 8	& Comput	er sockets.	А	В	2021	1.5	1	0.4	3871 MCB		2	6	9	N/A	5.20
	Sockets - Sockets	witchroom	n 18 & Hub Socket	А	В	2021	4	2.5	0.4	3871 MCB		2	32	9	N/A	0.97
	Lighting - St	tairwell &	Room 38.	Н	С	2021	1.5	6.3	0.4	3871 MCB		2	16	9	N/A	1.95
4/L1	Lighting - R	oom 37 M	/licroscopy - As Marked	Н	С		1.5	6.3	0.4	3871 MCB		2	16	9	N/A	1.95
4/L2	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-
4/L3	Not Marked	For Duty		А	В	N/V	2.5	2.5	0.4	3871 MCB		2	16	9	N/A	1.95
5/TP	Room 15 Ta	ank C/P -	As Marked	F	С		1.5	17	0.4	3871 MCB		2	20	9	N/A	1.56
6/L1	Not Marked	I For Duty		Н	С	N/V	2.5	8	0.4	3871 MCB		2	16	9	N/A	1.95
6/L2	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-
6/L3	Not Marked	For Duty		A	В	N/V	2.5	1.5	0.4	3871 MCB		2	16	9	N/A	1.95
7/L1	Way Not Av	vailable		-	-	-	-	-	-	-	-	-	-	-	-	-
7/L2	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-
7/L3	Room18 Sw	witchroom	Socket	F	С	2021	4	2.5	0.4	3871 MCB		2	20	10	N/A	1.56
8/L1	RCD Modul	le Coverin	ıg	-	-	-	-	-	-	-	-	-	-		-	-
8/L2	Tank Room	Pump & /	Autopsy Sockets.	A	В	2021	2x4	2x2.5	0.4	3871 MCB		3	32	10	30	0.68
8/L3	Room 38 So	ockets (1	st Floor)	A	В	2021	2x2.5	2x1.5	0.4	3871 MCB		2	32	10	N/A	0.97
9/L1	Lighting - R	looms 39 8	& 40 - As Marked	A	В	+	1.5	1	0.4	3871 MCB		2	6	10	N/A	5.20
9/L2	Not Marked	for Duty		Н	С	N/V	1.5	1.5	0.4	3871 MCB		2	6	10	N/A	5.20
Wirir	ng Code	е														
	A		В	С		D		E		F	G		Н		0	7
	<u> </u>				+		_			,		+		-		
	PVC/ cab		in	PVC cable in non-metal conduit	Ilic	PVC cable in metallic trunking	: :	PVC cabl in non-meta trunkin	allic	PVC/SWA cables	XLPE/SWA cables		alinsulated ables	0	Other	

Board ¹	Tests																
Boara	1000	TO BE C	OMPLETE	O IN EVERY	CASE				TE	EST INSTRU	IMENIT	'S (SEE	DIAI NII	IMBEDS'	LISED		
Correct	supply pol	arity confirme	d 🗸		equence co		7	1		EST INSTRU	ו אוםואוכ	S (SEF	MAL NO	WIDERS,) 03ED		
Sı	upplementa	ary Conducto	rs 🗸	(where a	ppropriate)			Earth fau loop impedan	10	1291679			RCD	1012	29167	9	
ONLY T		MPLETED IF					ECTED	Insulatio	n 10	1291679			Multi-	_ N/A			
Zs 0.	10 🗴	2 lpf 4.2	21 kA					resistano	e				function Other	n			
Operatir	ng times of	associated F	RCD (if any)	At I∆ n N	I/A n	าร		Continui	ıy IU	1291679			Other	N/A			
Details	of circu	iits and/o	r equipn	nent vu l n	erable t	o dama	ge										
N/A																	
Circuit	Tests	Circ	cuit Impeda	nces							1						
Circuit			Ω	All ci	rcuits		Insu	lation resis	tance				mum	RCI	D 	utton	ation
number		g final circuits easure end to			st one	Test	Live/	Live/	Live/	Earth/	Polarity (v)	earth	sured fault	ection	utton	Test beration	emark Intinu
phase	<u> </u>	1	, I	to be co	mpleted)	Voltage	Live	Neutral	Earth	Neutral	Po	imped		Disconnection By time	Test button operation	AFDD Test button operation	Remarks see continuation sheet
1/L1	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	(R ₁ + R ₂)	(R ₂)	_	ΜΩ	ΜΩ	ΜΩ	ΜΩ	-	2	2	□ (ms)	-	٠.	-
1/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A		0.9		37/14		<u> </u>	YES
1/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	√	0.:		N/A	√ N/A	-	NO
2/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	√	N,	/A	N/A	N/A		NO
2/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N,		N/A	N/A	<u> </u>	NO
2/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N,		N/A	N/A		NO
3/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A		0.:		N/A	N/A		NO
											1						
3/L2 3/L3	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	500 500	N/A N/A	N/A N/A	299	N/A N/A	✓	0.		N/A N/A	N/A N/A		NO NO
4/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓	N.		N/A N/A			NO
4/L1 4/L2	IN/A	IN/A	N/A	IN/A	IN/A	IN/A	IN/A	IN/A	N/A	IN/A	_	IN.		N/A	N/A -		NO
											-					<u> </u>	-
4/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N,		N/A	N/A	<u> </u>	NO
5/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N,		N/A	N/A		NO
6/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N,		N/A	N/A	<u> </u>	NO
6/L2	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-
6/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N,		N/A	N/A		NO
7/L1	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-
7/L2	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-
7/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.:		N/A	N/A		NO
8/L1	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-
8/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	✓	0.		36/11	✓		NO
8/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	✓	0.:		N/A	N/A		NO
9/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N,		N/A	N/A		NO
9/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N.	'A	N/A	N/A		NO
Tested	Ву																
Signa	ature				= >			Position	1	Grade 1	l Test	Engi	neer				
Name	е	Steve	n Davis					Date of testing		02/12/2	021						

Boar	d Detai	ils															
Т	O BE CO	MPLETE	D IN EVERY CASE		ONLY :	то ве сс	MPLETE	ED IF TH	E DISTF	RIBUTION BOARD OF THE INSTAI		CONN	IECTED	DIRECTI	_Y TO T	HE ORIG	HN
Locati	on of	Fisher	ies Switchroom		Supply t	to	2 1 24	. (22		2 (TD)			Asso	ciated RC	DD (if an	y)	
Distrib Board	oution	1 101.0.	ICO OWNOM CO		distribut board is		SubMa			erve, 3/TP)	В	S(EN)		N/A			
Боаги					No of pl	nases	3		Nomina	al Voltage 400	V	CD N	o of				
Distrik	oution	DB 8			Overcur	rent prote	ctive devi	ice for the	e distrib	ution circuit		oles	0 01	N/A			
board desigr					Type BS	3(EN)	60947-	2 MCC	В	Rating 100	A R	CD R	ating	N/A		n	nA
Circu	ıit Deta	ils															
o o o				gu	thod	erved	Cir	rcuit	ъ _с		Overcurr	ent pr device				RCD	(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)	AF	FDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (l∆n)	Maximum permitted Zs(Ω)
9/L3	Autopsy Sn	nall Office	Socket Outlets.	A	В	2021	2x2.5	2x1.5	0.4	3871 MCB			2	32	10	N/A	0.97
10/L1	Sub Mains((DB Lab Ro	oom 9)	A	В	2021	10	4	5	60898 MCB	3		С	40	10	N/A	0.55
10/L2	Way Not Av	vai l ab l e		-	-	-	-	-	-	-		-	-	-	-	-	-
10/L3	Way Not Av	vailable		-	-	-	-	-	-	-		-	-	-	-	-	-
11/TP	Way Not Av	vai l ab l e		-	-	-	-	-	-	-		-	-	-	-	-	-
12/L1	Lighting - C	hemical S	tores - As Marked	F	С		6	36	0.4	3871 MCB			2	6	10	N/A	5.20
12/L2	SPARE			-	-	-	-	-	-	-		-	-	-	-	-	-
12/L3	SPARE			-	-	-	-	-	-	-		-	-	-	-	-	-
13/TP	Room 40 L	ab Equipm	nent - As Marked	F	С		1.5	17	0.4	3871 MCB			3	6	10	N/A	3.64
14/TP	Sub Mains((DB 10)		D	В	2021	25	16	5	3871 MCB			2	63	10	N/A	0.49
15/TP	Way Not Av	vai l ab l e		-	-	-	-	-	-	-		-	-	-	-	-	-
16/L1	Way Not Av	vai l ab l e		-	-	-	-	-	-	-		-	-	-	-	-	-
16/L2	Lighting - R	Room 18 S	witchroom - As Marked	і н	С	+	1.5	6.3	0.4	3871 MCB			2	6	10	N/A	5.20
16/L3	Way Not Av	vailable		-	-	-	-	-	-	-		-	-	-	-	-	-
				+													
				_													
Wirir	ng Code	е															
		۹ ا	В	С				E		F	G			Н		0	1
	<u> </u>	-			_					•							
		/PVC bles	PVC cables in metallic conduit	PVC cable in non-meta condu	allic	PVC cable in metallic trunking	:	PVC cablin in non-meta trunkin	allic	PVC/SWA cables	XLPE/S/ cables			linsulated ables	0	other	
																	-

Board 7	Tests															
Board	. 0010	TO BE C	OMPLETED	IN EVERY	CASE				TE	et inietdi	IMENIT	S (SERIAL N	IMPEDO	LISED		
Correct	supply pol	arity confirme	d 🗸		equence co		1	 		SI INSTIC	JIVILIN I	3 (SENIAL N	OWIDERS) USED		
Su	pplementa	ary Conductor	rs 🗸	(where a	ppropriate)			Earth fau loop impedan	10	1291679		RCD	1012	29167	9	
ONLY T		MPLETED IF					ECTED	Insulatio	n 10:	1291679		Multi-	N/A			
Zs 0.								resistano	,e			function	OII			
Operatin	ng times of	associated R	CD (if any)	At I Δ n N	I/A m	ns		Continuit	ty 10	1291679		Other	N/A			
Details	of circu	uits and/or	r equipm	nent vuln	erab l e t	o dama	ge									
N/A																
Circuit 1	Tests															
		Circ	cuit Impedar Ω		.,		Insu	lation resis	tance			Maximum	RC	D	ıtton	tion
Circuit number		g final circuits easure end to		All cir (At lea colu	st one	l	,		ļ.,,		Polarity (v)	measured earth fault	Disconnection (sam time	tton	AFDD Test button operation	Remarks see continuation sheet
and phase	(IIIe			to be cor		Test Voltage	Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	Pola	loop impedance	conne	Test button operation	DD T	Rer Se cor
	r ₁ (Line)	r _n (Neutral)		(R _{1 + R₂₎}	(R ₂)		ΜΩ	ΜΩ	ΜΩ	ΜΩ		Ω			Ą	
9/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.49	N/A	N/A		NO
10/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.22	N/A	N/A		NO
10/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10/L3	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-	-
11/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
12/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
14/TP	N/A	N/A	N/A	N/A	N/A	L I M	N/A	N/A	LIM	N/A	1	0.12	N/A	N/A		NO
15/TP	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-	-
16/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
16/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tested	Ву															
Signa	ature			L				Position	1	Grade 1	Test	Engineer				
Name	9	Steve	n Davis					Date of		02/12/2	021					

Boar	d Detai	ls														
Т	O BE CO	MPLETE	D IN EVERY CASE		ONLY T	O BE CO	MPLETE	D IF THI	E DISTR	RIBUTION BOARD OF THE INSTAL		NECTED	DIRECTI	_Y TO T	HE ORIG	JIN
Locati	ion of	Fisher	ies Switchroom		Supply to	, ,	2::bMa	:/DB	Itoro	2/TD)		Asso	ciated R0	DD (if an	y)	
Distrik	oution				distributio board is f	from:		ns(DD		erve, 2/TP)	BS(EN))	N/A			
Dea.					No of pha	ises	3		Nomina	al Voltage 400	V RCD N	o of				
Distrik		DB 9			Overcurre	ent protec	ctive devi	ce for the	e distribu	ution circuit	Poles		N/A			
board design					Type BS((EN)	60947 - 2	2 MCC	В	Rating 100	A RCD R	ating	N/A		m	ıΑ
Circu	uit Deta	ils														
lber se				ing	ethod	served		rcuit	ted		Overcurrent po				RCD	(Ω) S.
Circuit number and phase		Circuit d	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 (l∆n)	Maximum permitted $Zs(\Omega)$
1/L1	Pump Hous	e C form -	- As Marked	F	С		16	16	5	3871 MCB		2	50	10	N/A	0.62
1/L2	Boiler Hous	e Supply		А	С	2021	4	2.5	5	3871 MCB		2	32	9	30	0.97
1/L3	Way Not Av	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
2/TP	Way Not Av	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
3/L1	Way Not Av	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
3/L2	Not Marked	For Duty		А	С	N/V	2.5	2.5	0.4	3871 MCB		2	16	10	N/A	1.95
3/L3	Way Not Av	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
4/TP	Way Not Av	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
5/L1	Not Marked	For Duty		G	С	N/V	4	4	0.4	3871 MCB		3	20	9	N/A	1.09
5/L2	Ladies Toile	et - Fused	Connection Unit	A	В	2021	2.5	1.5	0.4	3871 MCB		2	16	9	N/A	1.95
5/L3	Way Not Av	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
6/L1	Way Not Av	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
6/L2	Ladies Toile	et - Water	Heater.	А	В	2021	2.5	1.5	0.4	3871 MCB		2	16	9	N/A	1.95
6/L3	Socket Out	jets - Roon	m 40 Lab Left Hand Sid	de A	В	2021	2x2.5	2x1.5	0.4	3871 MCB		2	32	9	30	0.97
	Socket Out	jets - Roon	m 40 Lab Right Hand	А	В	2021	2x2.5	2x1.5	0.4	3871 MCB		2	32	9	30	0.97
	Sub Mains(DB 11)		А	С	2021	6	6	5	3871 MCB		2	32	9	N/A	0.97
7/L3	Socket Out	lets Room	40 Lab Right Hand Sig	de A	В	2021	2x2.5	2x1.5	0.4	3871 MCB		2	32	9	30	0.97
8/L1	Way Not Av	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
8/L2	Lighting - Room 31	oom 19 La	adies Toilet, Corridor &	. D	В	2021	1.5	1.5	0.4	3871 MCB		2	6	9	N/A	5.20
		Corridor M	Machinery - As Marked	D	В		6	6	0.4	3871 MCB		2	32	9	N/A	0.97
9/L1	Way Not Av	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
9/L2	Switch Fuse	e - Room 3	31 - As Marked	A	В		6	6	0.4	3871 MCB		2	16	9	N/A	1.95
9/L3	A/C Heater	Unit - Roc	om 40 Lab - As Marked	I D	В		2.5	2.5	0.4	3871 MCB		2	16	9	N/A	1.95
10/L1	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-
Wirin	ng Code	e														
	A		В	С	$\overline{}$	D	\top	E		F	G	Τ	H		0	1
	<u> </u>	`			+		_						••			-
	PVC/ cab		PVC cables in metallic conduit	PVC cable in non-metal conduit	Ilic	PVC cable in metallic trunking	1 :	PVC cabl in non-meta trunkin	allic	PVC/SWA cables	XLPE/SWA cables		linsulated ables	0	ther	
					-		\rightarrow									_

Board Tests					
TO BE COM	PLETED IN EVERY CASE		TEST INSTRUMENTS (SE	RIAL NUM	IBERS) USED
Correct supply polarity confirmed	N/A Phase sequence confirmed (where appropriate)	Earth fault	, (,
Supplementary Conductors	(maio app.opmato)	loop impedance	101291679	RCD	101291679
ONLY TO BE COMPLETED IF THI	E DISTRIBUTION BOARD IS NOT CONNECTED	· ·			
DIRECTLY TO THE	ORIGIN OF THE INSTALLATION	Insulation resistance	101291679	Multi- function	N/A
Zs 0.10 Ω lpf 4.41	kA			1	
Operating times of associated RCD	0 (if any) At I∆ n N/A ms	Continuity	101291679	Other	N/A

Details of circuits and/or equipment vulnerable to damage

N/A

Circuit 7	Tests															
		Circ	uit Impedar Ω	nces			Insu	ation resis	tance				RCI	D	L.	_
Circuit number and phase		g final circuits easure end to	only	(At lea	rcuits ast one umn mpleted)	Test Voltage	Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	Polarity (v)	Maximum measured earth fault loop impedance	Disconnection Signature Signature	Test button operation	AFDD Test button operation	Remarks see continuation sheet
	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	(R _{1 + R₂₎}	(R ₂)		ΜΩ	ΜΩ	ΜΩ	ΜΩ		Ω	⊠ (ms)	Te	AF	SS
1/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
1/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.21	N/A	N/A		NO
1/L3	-	-	-	-	-	-	,	-	-	-	-	-	-	-	-	-
2/TP	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
3/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/L2	N/A	N/A	N/A	N/A	N/A	N/V	N/A	N/A	N/V	N/A		N/V	N/A	N/A		NO
3/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/L1	N/A	N/A	N/A	N/A	N/A	N/V	N/A	N/A	N/V	N/A		N/V	N/A	N/A		NO
5/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.49	N/A	N/A		NO
5/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.54	N/A	N/A		NO
6/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.70	13/18	1		NO
7/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.53	3018	√		NO
7/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.39	N/A	N/A		NO
7/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.44	18/18	√		NO
8/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.59	N/A	N/A		NO
8/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
9/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
9/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
10/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Steven Davis

Position

Grade 1 Test Engineer

Date of testing

02/12/2021

Boar	d Deta	İs																
Т	O BE CO	MPLETE	D IN EVERY CAS	E	(ONLY T	O BE CO	MPLETE	D IF THI	E DISTF	RIBUTION BOAR OF THE INSTA			NECTED	DIRECTI	LY TO T	HE ORIG	SIN
Locat	ion of	Fisher	ies Switchroor	n		Supply to)				. (77)	41		Asso	ciated R0	CD (if an	y)	
	bution	1 101101	ioo owitorii oor			istributio oard is f		SubMa			erve, 2/TP)	-11	BS(EN)	N/A		_	
Doard	•				N	lo of pha	ases (3		Nomina	al Voltage 400	V	RCD N	o of				
	bution	DB 9			C)vercurr	ent proted	tive devi	ce for the	e distribi	ution circuit		Poles		N/A			
board desig	l nation				Т	ype BS((EN)	60947 - 2	2 MCC	В	Rating 100	А	RCD R	ating	N/A		n	nΑ
Circu	uit Deta	ils																
oer e					Вu	thod	erved	Cir	cuit	p c		Over	current p				RCD	δ(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 (l∆n)	Maximum permitted Zs (Ω)
10/L2	SPARE				-	-	-	-	-	-	-		-	-	-	-	1	-
10/L3	A/C Heater Sockets	Unit - Roo	om 40 Lab & Room 38	3	D	В	2021	4	4	0.4	3871 MCB			2	32	9	N/A	0.97
11/TP	Hager Rcd	Isolator - F	Room 40 Lab		D	В		4	4	0.4	3871 MCB			2	20	9	30	1.56
12/TP	Way Not A	/ailable			-	-	-	-	-	-	-		-	-	-	-	-	-
13/L1	Way Not A	/ailable			-	-	-	-	-	-	-		-	-	-	-	-	-
13/L2	Way Not A	/ailable			-	-	-	-	-	-	-		-	-	-	-	-	-
13/L3	Not Marked	For Duty			А	В	N/V	2.5	2.5	0.4	3871 MCB			2	16	9	N/A	1.95
14/TP	20A Isolato	r - Room 4	10 Lab - As Marked		D	В		4	4	0.4	3871 MCB			2	16	9	N/A	1.95
15/TP	MEM Exce	Isolator -	Room 37 - As Marked	d	F	С		6	40	0.4	3871 MCB			2	20	9	N/A	1.56
16/L1	Pump Hous		S Via Drawing Room		D	В	2021	6	6	0.4	3871 MCB	,		2	32	9	30	0.97
16/L2	Way Not A		ioi		-	-	-	-	-	-	-		-	-	-	-	-	-
16/L3	Way Not A	/ailable			-	-	-	-	-	-	-		-	-	-	-	-	-
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Wirir	ng Code	Э																
	· A	4	В		С		D		Е		F		G		Н		0	
		PVC les	PVC cables in metallic conduit	nor	/C cables in n-metall conduit		PVC cable in metallic trunking		PVC cabl in non-meta trunkin	allic	PVC/SWA cables		PE/SWA ables		insulated ables	C	ther	
						\perp												

SOFILL	JULL O	r Circo	II ILS	3 FOR	IIIL IIV) I ALLA	HON				٥	0040) - IVIA	SICI			
Board ¹	Tests																
		TO BE C	OMPLETE	O IN EVERY	CASE				тс	CT INCTO	IMENIT	e (ee	DIAL NII	IMPEDO	LICED		
		arity confirme			equence co		N/A	Earth fau		ST INSTRI	JIVIENI	3 (SEI	KIAL INC				
	• •	ary Conductor		DIDLITION D		OT CONN	ECTED	loop impedan	10	1291679			RCD	1012	29167	9	
	DIR	MPLETED IF	HE ORIGIN	OF THE IN			ECIED	Insulatio resistant		1291679			Multi- functio	n N/A			
Zs 0. Operatir		2 Ipf 4.4 associated F			I/A n	าร		Continui	ty 10	1291679			Other	N/A			
Details	of circu	uits and/o	r equipn	nent vuln	erable t	o dama	ge										
N/A																	
Circuit	Tests																
		Circ	cuit Impeda Ω	nces			Insu	lation resis	stance					RC	D	LO.	5
Circuit number and phase		g final circuits easure end to		(At lea	rcuits ist one umn mpleted)	Test Voltage	Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	Polarity (v)	mea: earth	imum sured n fault op dance	Disconnection implication imp	Test button operation	AFDD Test button operation	Remarks see continuation sheet
	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	$(R_1 + R_2)$	(R ₂)		ΜΩ	ΜΩ	ΜΩ	ΜΩ			Ω	⊠ (ms)	Te of	AF	se
10/L2	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
10/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.	55	N/A	N/A		NO
11/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N	I/A	N/A	N/A		NO
12/TP	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
13/L1	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
13/L2	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
13/L3	N/A	N/A	N/A	N/A	N/A	N/V	N/A	N/A	N/V	N/A		N	I/V	N/A	N/A		NO
14/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			I/A	N/A	N/A		NO
15/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			I/A	N/A	N/A		NO
16/L1 16/L2	N/A	N/A	N/A	N/A	N/A -	500	N/A	N/A	299	N/A	√		49	37/19	√	_	NO
	-	-		-				-	-				-			<u> </u>	-
16/L3	-	-	-	-	-	-	-	-	-	-	-		-	-	-		-
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Tested	Bv																
Signa				L				Position	า	Grade 1	1 Test	Engi	neer				
Name		Stavo	n Davis					Date of		02/12/2		J.					411
Ivaille		Steve	ii Davis					testing		02/12/2	U2 I						

Boar	d Detai	ls																
Т	O BE CO	MPLETE	D IN EVERY CASE		ONL	/ то в	E COM	IPLETE	D IF TH	E DISTR	RIBUTION BOARE OF THE INSTAL		CONN	ECTED	DIRECTI	_Y ТО Т	HE ORIC	SIN
Locati	on of	Corrid	or Outside Of		Suppl	y to			/55			- 1		Asso	ciated R0	D (if an	y)	
Distrik Board	oution	Room				ution is from phases	:	ubMai	ins(DB		TP) Il Voltage 400	В	BS(EN)		N/A			
								ive devi	ce for the		ution circuit	R	RCD No Poles	o of	N/A			
Distrik board	oution	DB 10								c distribu		.		_4:	21/2		Ξ.	- ^
desig	nation			_1	туре	BS(EN)	38	371 M	CB 2		Rating 63	A R	RCD R	ating	N/A		n	1A
Circu	iit Deta	i l s			T 7		5			1	1	Overcuri	rent nr	otective				
nber se				ring	ethod		serve		cuit tors csa	tted tion	,		device				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)	AF	FDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (l∆n)	Maximum permitted $Zs(\Omega)$
1/L1	Room 32 S	ockets		D	В	2	021	4	2.5	0.4	3871 MCB			2	20	9	N/A	1.56
1/L2	Room 33 &	34 Lightir	ng - As Marked	D	В			1.5	1.5	0.4	3871 MCB			2	10	9	N/A	3.12
1/L3	Room 34 S	ockets		D	В	2	021	2.5	1.5	0.4	3871 MCB			2	16	9	N/A	1.95
2/L1	Room 32 Li	ghting - A	s Marked	D	В			1.5	1.5	0.4	3871 MCB			2	6	9	N/A	5.20
2/L2	Room 33 S	ockets		D	В	2	021	2.5	2.5	0.4	3871 MCB			2	20	9	N/A	1.56
2/L3	Garage Soc	kets & Ro	oom 39	D	В	2	021	2x2.5	2x1.5	0.4	3871 MCB			3	32	9	N/A	0.68
3/L1	Garage Ligh		iding Emergency Fittin	gs D	В			1.5	1.5	0.4	3871 MCB			2	6	9	N/A	5.20
3/L2	Room 28, 2	9, 30 & 31	1 Sockets & CCTV	D	В	2	021	3x2.5	3x1.5	0.4	3871 MCB			3	32	9	N/A	0.68
3/L3	Fused Conr Room 21 &			D	В	2	021	2x2.5	2x1.5	0.4	3871 MCB			3	32	9	N/A	0.68
4/L1	Room 21 & Fittings - As		ng Including Emergend	y D	В			1.5	1.5	0.4	3871 MCB			2	10	9	N/A	3.12
4/L2		rawing Sto	ore Sockets & Ladies	D	В	2	021	2.5	1.5	0.4	3871 MCB			2	16	9	N/A	1.95
4/L3	Room 20 Li			D	В	2	021	1.5	1.5	0.4	3871 MCB			2	6	9	N/A	5.20
5/L1	Not Marked	For Duty		D	В			2.5	1.5	0.4	3871 MCB			2	16	9	N/A	1.95
5/L2	Not Marked	For Duty		D	В			2.5	1.5	0.4	3871 MCB			2	20	9	N/A	1.56
5/L3	Corridor So	ckets		D	В	2	021	2.5	1.5	0.4	3871 MCB			3	16	9	N/A	1.36
6/L1	Way Not Av	/ailable		-	-		-	-	-	-	-		-	-	-	-	-	-
6/L2	Not Marked	For Duty		D	В			1.5	1	0.4	60898 MCB			С	10	10	N/A	2.19
6/L3	External Pu	mp House	e Panel - As Marked	D	В			6	2.5	0.4	60898 MCB			С	32	10	N/A	0.68
7/L1	Room 23 S	ockets		D	В	2	021	4	1.5	0.4	3871 MCB			3	20	9	N/A	1.09
7/L2	Room 25 S	ockets		D	В	2	021	4	1.5	0.4	3871 MCB			3	20	9	N/A	1.09
7/L3	Room 26 S	ockets		D	В	2	021	4	1.5	0.4	3871 MCB			2	20	9	N/A	1.56
8/L1	Room 23 Li	ghting - A	s Marked	D	В			1.5	1.5	0.4	3871 MCB			2	6	9	N/A	5.20
8/L2	Room 24 S	ockets		D	В	2	021	2.5	1.5	0.4	3871 MCB			2	20	9	N/A	1.56
8/L3	Room 24 Fi As Marked	used Conr	nection Unit Far End -	D	В			2.5	1.5	0.4	3871 MCB			2	16	9	N/A	1.95
Wirir	g Code	9																
	A	\	В	С			D		Е		F	G			Н		0	
	PVC/ cab		PVC cables in metallic conduit	PVC ca in non-me cond	tallic	me	cables in etallic nking		PVC cab in non-meta trunkir	allic	PVC/SWA cables	XLPE/Si cable			insulated bles	0	ther	

Board 7	Tests															
Doard	CSIS	TO BE C	OMPLETED	O IN EVERY	CASE					OT INOTES		0.4055141.1				
Correct	supply pol	arity confirme	d 🗸		equence co		/	Earth fau		SIINSIRU	JMENT	S (SERIAL N	UMBERS) USED		
	• •	ary Conductor			ppropriate)			loop impedan	10	1291679		RCD	1012	29167	9	
ONLY T		MPLETED IF					≣CTED	Insulation resistance		1291679		Multi- functi				
Zs 0.								Continuit		1291679		Other				
		associated R				ns							1			
	of circu	iits and/oi	equipm	ient vuln	erable to	o dama	ge									
N/A																
0: "	- 1															
Circuit 1	ests	Circ	cuit Impedar	nces			lneu	lation resis	tance				RC		_	
Circuit			Ω	All cir			msu	lation resis	lance		2	Maximum measured		Π	buttor	(s lation
number and		g final circuits easure end to		(At lea	ımn	Test	Live/	Live/	Live/	Earth/	Polarity (v)	earth fault	Disconnection (sa time	Test button operation	AFDD Test button operation	emarl continu sheet
phase	r4 (Line)	r _n (Neutral)	r ₂ (cpc)	to be cor	mpleted) (R ₂)	Voltage	Live MΩ	Neutral MΩ	Earth MΩ	Neutral MΩ	 g	impedance Ω	iscon	Test b	AFDD or	Remarks see continuation sheet
1/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.62	N/A	N/A		NO
1/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	•	N/A	N/A	N/A		NO
1/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.27	N/A	N/A		NO
2/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-	N/A	N/A	N/A		NO
2/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.53	N/A	N/A		NO
2/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.32	N/A	N/A		NO
3/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
3/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.53	N/A	N/A		NO
3/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	299	N/A	1	0.39	N/A	N/A		YES
4/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
4/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	299	N/A	1	0.37	N/A	N/A		NO
4/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.63	N/A	N/A		NO
5/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
5/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
5/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.22	N/A	N/A		NO
6/L1	-	-	-	-	ı	-	,	-	-	-	-	-	-	-	-	-
6/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
6/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
7/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.66	N/A	N/A		NO
7/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	✓	0.56	N/A	N/A		NO
7/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.24	N/A	N/A		NO
8/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
8/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.64	N/A	N/A		NO
8/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
Tested	Ву															
Signa	ture				E-3			Position	1	Grade 1	Test	Engineer				
Name	;	Steve	n Davis					Date of testing		02/12/2	021					

Boar	d Deta	ils															
Т	O BE CO	MPLETE	D IN EVERY CASE		ONLY :	то ве сс	MPLETE	D IF TH	E DISTF	RIBUTION BOAR OF THE INSTA			NECTED	DIRECTI	LY TO T	HE ORIG	SIN
Locati	an of	Corrido	or Outside Of		Supply t	io		(2.5					Asso	ciated R0	CD (if an	y)	
Distrib	oution	Room			distribut board is		SubMai				4	BS(EN)	N/A			
Боаго					No of ph	nases	3		Nomina	al Voltage 400	V	RCD N					
Distrik	oution	DB 10		71	Overcur	rent prote	ctive devi	ice for the	e distribi	ution circuit		Poles	00	N/A			
board desigi		DD 10			Type BS	3(EN)	3871 M	ICB 2		Rating 63	А	RCD R	ating	N/A		n	nΑ
Circu	uit Deta	ils															
	il Sole				hod	rved	Cir	rcuit	g		Over	current p				RCD	(Ω)
Circuit number and phase		Circuit o	designation	Type of wiring	Reference method	No of points served		cpc mm ²	Max permitted disconnection times (s)	BS(EN)		AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (l∆n)	Maximum permitted Zs (Ω)
9/L1	Room 24 M Marked	1EM Switch	h Above Door - As	D	В		2.5	1.5	0.4	3871 MCB	ı		2	16	9	N/A	1.95
9/L2		25, 26 Ligh	iting - As Marked	D	В		1.5	1.5	0.4	3871 MCB	1		2	6	9	N/A	5.20
9/L3	Room 27, 2	28, 29, & C	Corridor Lighting - As	D	В		1.5	1.5	0.4	3871 MCB	ļ		2	10	9	N/A	3,12
10/L1	Way Not A	vai l able		-	-	-	-	-	-	-		-	-	-	-	-	-
10/L2	Room 25 F	used Conr	nection Unit - As Marke	d D	В	+	2.5	1.5	0.4	3871 MCB	l		3	16	9	N/A	1.36
10/L3	Room 25 S	ocket & Fu	used Connection Unit	D	В	2021	2.5	1.5	0.4	3871 MCB	ļ		3	16	9	N/A	1.36
11/TP	SPARE			-	-	-	-	-	-	-		-	-	-	-	-	-
12/TP	SPARE			-	-	-	-	-	-	-		-	-	-	-	-	-
				+	+												
				+	1	+											
				+	-	-											
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Wirir	ng Code	е															
		4	В	С		D		E	T	F		G	Τ	H		0	7
		-			_		_		loo								
		/PVC bles	PVC cables in metallic conduit	PVC cabl in non-meta condui	allic	PVC cable in metallic trunking	;	PVC cablin in non-meta trunkin	allic	PVC/SWA cables		PE/SWA ables		linsulated ables	C	other	

Board ⁻	Foete										_						
Doalu	esis	TO BE C	OMPLETER	O IN EVERY	CASE												
Correct	supply pol	arity confirme	_		equence co	enfirmed			TE	ST INSTRU	JMENT	S (SERI	AL NUI	MBERS) USED		
		ary Conducto			ppropriate)		✓	Earth fau		1201670			RCD	1011	00167	0	
	• •			RIBUTION BO	OARD IS N	OT CONN	FCTFD	impedan	ce	1291679				1012	29167	9	
		RECTLY TO T						Insulatio resistano		1291679			Multi- unction	N/A			
Zs 0.								Continuit	ty 10	1291679			Other	N/A			
		associated F				าร			, ,,,	1201010				1071			
Details	of circu	uits and/o	r equipm	ient vuln	erable t	o dama	ge										
N/A																	
Circuit	Tests																
		Circ	cuit Impedar Ω	nces			Insu	lation resis	tance					RC	 D	Ę	_
Circuit				All cir							2	Maxin measu	num –			AFDD Test button operation	Remarks see continuation sheet
number and		ig final circuits easure end to		colu		Test	Live/	Live/	Live/	Earth/	Polarity (v)	earth f	ault	nectic Te	utton	Test	emar ontin
phase				to be cor		Voltage	Live	Neutral	Earth	Neutral	8	impeda	ance	Disconnection (sm time	Test button operation	00. g	See A
0//4	r ₁ (Line)	r _n (Neutral)		(R _{1 + R₂₎}	(R ₂)	N/A	MΩ N/A	MΩ N/A	ΜΩ	ΜΩ		Ω N/A	$\overline{}$	Ö(ms) N/A	N/A	⋖	
9/L1		N/A	N/A	N/A					N/A	N/A							NO
9/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A		N/A	N/A		NO
9/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	`	N/A	N/A		NO
10/L1	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
10/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	`	N/A	N/A		NO
10/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.78	3	N/A	N/A		NO
11/TP	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
12/TP	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
													+				
		-															
Tested	Ву																
Signa	ture			1				Position	1	Grade 1	l Test	Engin	eer				
Name	9	Steve	en Davis					Date of		02/12/2	021						

Boar	d Deta	ils															
Т	O BE CO	MPLETE	ED IN EVERY CASE		ONLY T	O BE CO	MPLETE	D IF TH	E DISTR	BUTION BOAR OF THE INSTA			NECTED	DIRECTI	_Y TO T	HE ORIC	SIN
Locat	ion of	Fisher	ries Switchroom		Supply to	,	Cook Mar	(DD	1	4/TD\	-1		Asso	ciated R0	CD (if an	y)	
	bution			l k	distribution ooard is	from:		ins(DB		erve, 1/TP)	-11	BS(EN)	N/A			
		L		_ '	No of pha	ases	3		Nomina	l Voltage 400	V	RCD N	o of	N/A			
Distrib		DB 16	Switch Fuse		Overcurr	ent proted	tive devi	ce for the	e distribu	ution circuit		Poles		IN/A			
board desig	nation				Type BS	(EN)	60947 - 2	2 MCC	В	Rating 100	А	RCD R	ating	N/A		n	nA
Circu	uit Deta	ails															
ber se				gui	ethod	servec		cuit	ion (Over	current po				RCD	(Ω) s,
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 (I∆n)	Maximum permitted Zs(᠒)
1/TP	Sub Mains	(DB 16)		F	D	2021	25	76	5	88-2 Fuse HI	RC		gG	100	80	N/A	0.42
				1													
Wirir	ng Cod	e _															
		Ą	В	C		D		E		F		G	T	H		0	
	PVC	YPVC oles	PVC cables in	PVC cable in non-metal conduit	llic	PVC cable in metallic trunking		PVC cab in non-meta trunkir	allic	PVC/SWA cables	XLF	7E/SWA ables	Mineral	insulated ables		ther	

Board ⁻	Footo															
Board	esis	TO BE C	OMPLETE!	D IN EVERY	CASE											
Correct	supply pol	arity confirmed			equence co	enfirmed			TE	ST INSTRU	UMENT	S (SERIAL N	IUMBERS) USED		
		ary Conductor			appropriate)		√	Earth fau		11201670		RCD	101	20167	2	
		MPLETED IF 1		RIBUTION B	OARD IS N	OT CONN	FCTED	impedan	nce)1291679)			29167	9	
		RECTLY TO TI	THE ORIGIN					Insulation resistance		1291679)	Multi- functi				
Zs 0.								Continuit	ity 10	1291679)	Other	r N/A			
		associated R				ns				120.0.						
Details	of circu	uits and/or	r equipm	nent vuln	erable t	o dama	ge									
N/A																
Circuit	T <u>e</u> sts															
		Circ	cuit Impedar Ω	nces			Insu	ılation resis	stance				RC	D	E	
Circuit	Din	fir al circuity		All cir (At lea	rcuits						3	Maximum measured	5	_	AFDD Test button operation	Remarks see continuation sheet
number and		ig final circuits easure end to		colu	umn	Test	Live/	Live/	Live/	Earth/	Polarity (v)	earth fault	Disconnection (sm time	Test button operation	D Test bu	emar contin shee
phase	r. (Line)	r _n (Neutral)	r ₂ (cpc)	to be cor (R ₁ + R ₂₎	mpleted) (R ₂)	Voltage	Live MΩ	Neutral MΩ	Earth MΩ	Neutral MΩ	٩	impedance Ω	iscon	Test oper	AFDD o	See C
1/TP	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A		0,22	□(ms) N/A	N/A		NO
	1907		1967	147.			<u> </u>	1907			1		1907	1300	<u> </u>	
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Tested	Ву															
Signa	ature			1				Position	n	Grade 1	1 Test	t Engineer				
Name	4	Steve	en Davis				41	Date of		02/12/2	0001					4
i tairit	*	Sieve	JII Davis					testina		02/12/2	.02 1					

Boar	d Detai	ls														
Т	O BE COI	MPLETE!	D IN EVERY CASE		ONLY T	O BE CO	MPLETE	D IF TH	E DISTR	RIBUTION BOARI OF THE INSTA		NNECTE	D DIRECTI	LY TO T	HE ORIG	JIN
Locati	ion of	EP Bu	ilding External		Supply to	, [2 51/2	· /DE	10 0	Web France		Ass	ociated R0	CD (if an	y)	
Distrik	bution		cal Cupboard		distributio board is f		Subiviai	ins(DR	16 Sw	vitch Fuse,	BS(EN)	N/A			
Dour					No of pha	ases 3	3		Nomina	al Voltage 400	V) O No of				
Distrib		DB 16			Overcurro	ent protec	tive devi	ce for the	e distribu	ution circuit	Pol		N/A			
board desigi				Ţ	Type BS((EN) {	88 - 2 Fu	ıse HR	C	Rating 100	A RC	O Rating	N/A		m	ıΑ
Circu	uit Deta	ils														
ber e				Bu	sthod	erved		rcuit	p u		Overcurrer de	nt protectiv	e		RCD	S(Ω)
Circuit number and phase		Circuit d	designation	Type of wiring	Reference method	No of points served	Live mm ²	cpc mm ²	Max permitted disconnection times (s)	BS(EN)	AFD	D Type	Rating (A)	Short circuit capacity (kA)	Operating current (I∆n)	Maximum permitted Zs (Ω)
1/L1	Lighting - M	lain Office	- As Marked	D	В		1.5	1	0.4	60898 MCE	3	В	6	10	30	7.28
1/L2	Lighting - M	lain Office	- As Marked	D	В		1.5	1	0.4	60898 MCE	3	В	6	10	30	7.28
1/L3	Lighting - M	lain Office	- As Marked	D	В		1.5	1	0.4	60898 MCE	3	В	6	10	30	7.28
2/L1	Lighting - M	lain Office	- As Marked	D	В		1.5	1	0.4	60898 MCE	3	В	6	10	30	7.28
2/L2	Lighting - M	lain Office	- As Marked	D	В		1.5	1	0.4	60898 MCE	3	В	6	10	30	7.28
2/L3	Lighting - M	lain Office	- As Marked	D	В		1.5	1	0.4	60898 MCE	3	В	6	10	N/A	7.28
3/L1	Lighting - M	lain Office	- As Marked	D	В		1.5	1	0.4	60898 MCE	3	В	6	10	N/A	7.28
3/L2	Lighting - M	lain Office	- As Marked	D	В		1.5	1	0.4	60898 MCE	3	В	6	10	N/A	7.28
3/L3	Lighting - M	lain Office	- As Marked	D	В		1.5	1	0.4	60898 MCE	3	В	6	10	N/A	7.28
4/L1	Lighting - M	lain Office	- As Marked	D	В	+	1.5	1	0.4	60898 MCE	3	В	6	10	N/A	7.28
4/L2	Lighting - M	lain Office	- As Marked	D	В		1.5	1	0.4	60898 MCE	3	В	6	6	N/A	7.28
4/L3	Lighting - M	lain Office		D	В	+	1.5	1	0.4	60898 MCE	3	В	6	6	N/A	7.28
5/L1	Lighting - M	leeting Ro	 om 1	D	В	2021	1.5	1	0.4	60898 MCE	3	В	6	6	N/A	7.28
5/L2	Lighting - L	adies WC	- As Marked	D	В		1.5	1	0.4	60898 MCE	3	В	6	6	N/A	7.28
5/L3	Lighting - G	ents wc		D	В	2021	1.5	1	0.4	60898 MCE	3	В	6	6	N/A	7.28
6/L1	Lighting - M	leeting Ro	om 2	D	В	2021	1.5	1	0.4	60898 MCE	3	В	6	6	N/A	7.28
6/L2	Lighting - W	Vomens &	Disabled - As Marked	D	В		1.5	1	0.4	60898 MCE	3	В	6	6	N/A	7.28
6/L3	Sockets - K	itchen, &	corridor	D	В	2021	2x2.5	2x1.5	0.4	61009 RCD/RC	СВО	В	32	10	30	1.37
7/L1	Sockets - M	lain Office		D	В	2021	2x2.5	2x1.5	0.4	61009 RCD/RC	СВО	В	32	10	30	1.37
7/L2	Sockets - M	lain Office		D	В	2021	2x2.5	2x1.5	0.4	61009 RCD/RC	СВО	В	32	10	30	1.37
7/L3	Sockets - M	lain Office	:	D	В	2021	2x2.5	2x1.5	0.4	61009 RCD/RC	СВО	В	32	10	30	1.37
8/L1	Sockets - M	lain Office		D	В	2021	2x2.5	2x1.5	0.4	61009 RCD/RC	СВО	В	32	10	30	1.37
8/L2	Sockets - M	lain Office		D	В	2021	2x2.5	2x1.5	0.4	61009 RCD/RC	СВО	В	32	10	30	1.37
8/L3	Sockets - M	lain Office		D	В	2021	2x2.5	2x1.5	0.4	61009 RCD/RC	СВО	В	32	10	30	1.37
Wirir	ng Code	e														
	Α	1	В	С		D	$\overline{}$	E		F	G		Н		0	1
	PVC/ cab	/PVC	PVC cables in met allic conduit	PVC cable in non-metal conduit	Ilic	PVC cable in metallic trunking	: 1	PVC cabl in non-meta trunkin	allic	PVC/SWA cables	XLPE/SW/cables		alinsulated cables	С	other	-
																J

Board Tests					
TO BE COMPLETED IN EVERY CASE			TEST INSTRUMENTS (SE	RIAL NUM	IBERS) USED
Correct supply polarity confirmed Phase sequence confirmed (where appropriate)	N/A	Earth fault			
Supplementary Conductors ✓		loop impedance	101291679	RCD	101291679
ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNE	CTED				
DIRECTLY TO THE ORIGIN OF THE INSTALLATION		Insulation resistance	101291679	Multi- function	N/A
Zs 0.22 Ω lpf 2.09 kA					
		Continuity	101291679	Other	N/A
Operating times of associated RCD (if any) At $I\Delta$ n N/A ms					

Details of circuits and/or equipment vulnerable to damage

N/A

Part	Circuit 1	Tests															
11.1 NI/A NI/A			Circ		nces			Insu	lation resis	tance				RC	D	uo.	E.
11.1 NI/A NI/A	number and				(At lea	st one umn						Polarity (v)	measured earth fault loop	connection	st button peration	DD Test butt operation	Remarks se continuation
11.2 N/A		r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	$(R_1 + R_2)$	(R ₂)		ΜΩ	ΜΩ	ΜΩ	ΜΩ			io (ms)	e e	AF	se
11.3	1/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
2/1.1	1/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
2.7.2 N/A	1/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
2/1.3 N/A	2/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
3/L1 N/A	2/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
3.1.2 NIA	2/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
3/L3 N/A	3/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
4/L1 N/A	3/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
4/L2 N/A	3/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
4/L3 N/A N/A <td>4/L1</td> <td>N/A</td> <td></td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td></td> <td>NO</td>	4/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
5/L1 N/A N/A N/A N/A 500 N/A N/A 299 N/A 0.70 N/A N/A NO 5/L2 N/A N/A <td>4/L2</td> <td>N/A</td> <td></td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td></td> <td>NO</td>	4/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
5/L2 N/A	4/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
5/L3 N/A N/A N/A N/A S00 N/A N/A 299 N/A 0.80 N/A N/A </td <td>5/L1</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>500</td> <td>N/A</td> <td>N/A</td> <td>299</td> <td>N/A</td> <td>1</td> <td>0.70</td> <td>N/A</td> <td>N/A</td> <td></td> <td>NO</td>	5/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.70	N/A	N/A		NO
6/L1 N/A	5/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
6/L2 N/A	5/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.80	N/A	N/A		NO
6/L3 N/A N/A N/A N/A N/A N/A 500 N/A N/A 299 N/A	6/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.76	N/A	N/A		NO
7/L1 N/A N/A N/A N/A S00 N/A N/A 299 N/A 0.60 30/29 NO 7/L2 N/A N/A N/A N/A S00 N/A N/A 299 N/A 0.57 30/29 NO 7/L3 N/A N/A N/A N/A N/A S00 N/A N/A 299 N/A 0.48 39/29 NO 8/L1 N/A N/A N/A N/A S00 N/A N/A 299 N/A 0.50 39/29 NO 8/L2 N/A N/	6/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
7/L2 N/A N/A N/A N/A N/A N/A 500 N/A N/A 299 N/A	6/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.39	29/29	1		NO
7/L3 N/A N/A N/A N/A N/A N/A 500 N/A N/A 299 N/A	7/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.60	30/29	1		NO
8/L1 N/A N/A N/A N/A N/A N/A 500 N/A N/A 299 N/A	7/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.57	30/29	1		NO
8/L2 N/A N/A N/A N/A N/A N/A 500 N/A N/A 299 N/A	7/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.48	39/29	1		NO
8/13 N/A N/A N/A N/A N/A N/A N/A 500 N/A N/A 299 N/A 0.66 32/23 NO	8/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.50	39/29	1		NO
8/L3 N/A N/A N/A N/A N/A N/A 500 N/A N/A 299 N/A , 0.66 32/23 , NO	8/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.42	23/23	1		NO
	8/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.66	32/23	1		NO

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Steven Davis

Position

Grade 1 Test Engineer

Date of testing

01/12/2021

Boar	d Detai	s																
Т	O BE COM	//PLETE	D IN EVERY CASI	E	10	NLY TO	O BE CO	MPLETE	D IF TH	E DISTR	IBUTION BOARI OF THE INSTA		CONN	IECTED	DIRECTI	_Y TO T	HE ORIO	SIN
Locat	ion of	FP Bu	ilding External			ply to			· /DD	12.0				Asso	ciated R0	DD (if an	y)	
Distrib Board	bution		cal Cupboard		boa	ribution and is for	rom:	SubMa 3	ins(DB		vitch Fuse,	J B	S(EN)	N/A			
						·			aa far th			R	CD N	o of	N/A			
Distrib board	I	DB 16				ercurre e BS(38 - 2 Fu			Rating 100	_	Oles CD R	ating	N/A			nΑ
	nation				136			00 - 2 FU	ise nik		Trading 100			attrig	IN/A			, ,
	uit Detai	ils				<u> </u>	- PG					Overcur	rent p	rotective			RCD	(2
Circuit number and phase		Circuit o	designation	Type of wiring		Reference method	of points served	conduct	cuit tors csa	Max permitted disconnection times (s)	BS(EN)		device DD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (I∆n)	Maximum permitted Zs(Ω)
	Orabata M	-1- 05				B	Jo og No og	mm ²	mm ²		04000 BOD/BO	200				ය ස් 10		
9/L1	Sockets - M						2021	2x2.5	2x1.5	0.4	61009 RCD/R0			В	32		30	1.37
9/L2	Sockets - M					В	2021	2x2.5 2x2.5	2x1.5 2x1.5	0.4	61009 RCD/R0			В	32	10	30	1.37
9/L3						В В								В				1.37
10/L1	Sockets - M			<i>f</i>		В В	2021	2x2.5	2x1.5	0.4	61009 RCD/R0			В	32	10	30	1.37
10/L2	Water Heate							2.5	1.5	0.4	61009 RCD/R0				16	10	30	2.73
10/L3	Water Heate				_	В		2.5	1.5	0.4	61009 RCD/R0			В	16	10	30	2.73
11/L1	Water Heate				\perp	В		2.5	1.5	0.4	61009 RCD/R0			В	16	10	30	2.73
11/L2	Switchroom				В	LIM	2.5	1.5	0.4	60898 MCE	3		В	16	10	N/A	2.73	
11/L3					-	-	-	-	-	-		-	-	-	-	-	-	
12/L1	·	Not Available Not Available				-	-	-	-	-	-		-	-	-	-	-	-
12/L2	Sockets - M	ain Switch	nroom server			В	LIM	2.5	1.5	0.4	61009 RCD/R0	СВО		В	20	10	30	2.19
12/L3	Fire Alarm -	As Marke	łd			В		2.5	2.5	0.4	60898 MCE	3		В	10	10	N/A	4.37
13/L1	Heater 1 - A	s Marked				В	2021	2.5	1.5	0.4	61009 RCD/R0	СВО		В	16	10	30	2.73
13/L2	Socket fridg	e Kitchen				В	2021	2.5	1.5	0.4	61009 RCD/R0			В	16	10	30	2.73
13/L3	Heater 3 - A	s Marked				В		2.5	1.5	0.4	61009 RCD/R0	СВО		В	16	10	30	2.73
14/L1	AC pumps N	Main Offic	e - As Marked			В		2.5	2.5	0.4	61009 RCD/R0	СВО		В	16	10	30	2.73
14/L2	AC pumps N	Main Offic	e			В	2021	2.5	2.5	0.4	61009 RCD/R0	СВО		В	16	10	30	2.73
14/L3	AC pumps N	Main Offic	e - As Marked			В		2.5	2.5	0.4	61009 RCD/R0	СВО		В	16	10	30	2.73
15/L1	Way Not Av	ailable		-		-	-	-	-	-	-		-		-	-	-	-
15/L2	FCU Swithc	h room				В	2021	2.5	2.5	0.4	61009 RCD/R0	СВО		В	20	10	30	2.19
15/L3	Way Not Av	ailable		-		-	-	-	-	-	-		-	-	-	-	-	-
16/L1	Security ligh	nting - as r	narked			В		1.5	1.5	0.4	60898 MCE	3		В	6	10	N/A	7.28
16/L2	Lighting - Flood lights - as marked					В		1.5	1	0.4	60898 MCE	3		В	10	10	N/A	4.37
16/L3	External Emergency Lighting					В		1.5	1	0.4	60898 MCE	3		В	6	10	N/A	7.28
Wirir	ng Code	;																
	A	\	В	(;		D	T	E	T	F	G		Τ	Н		0	
							PVC cable in metallic trunking		PVC cab in non-meta trunkir	allic	PVC/SWA cables	XLPE/S cable			insulated ibles	0	ther	

Board Tests					
TO BE COMPLETED	IN EVERY CASE		TEST INSTRUMENTS (SE	RIAI NUM	IBERS) USED
Correct supply polarity confirmed	Phase sequence confirmed (where appropriate)	Earth fault	. 20 110 110 100		
Supplementary Conductors ✓	(loop impedance	101291679	RCD	101291679
ONLY TO BE COMPLETED IF THE DISTRII	IBUTION BOARD IS NOT CONNECTED				
DIRECTLY TO THE ORIGIN	OF THE INSTALLATION	Insulation resistance	101291679	Multi- function	N/A
Zs 0.22 Ω lpf 2.09 kA					
Operating times of associated RCD (if any) A	At I Δ n N/A ms	Continuity	101291679	Other	N/A

Details of circuits and/or equipment vulnerable to damage

N/A

Circuit '	Tests															
		Circ	uit Impeda Ω	nces			Insu	lation resis	tance				RC	D	L.	n
Circuit number and phase		g final circuits easure end to	s only	(At lea	ımn	Test Voltage	Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	Polarity (v)	Maximum measured earth fault loop impedance	Disconnection (s time	Test button operation	AFDD Test button operation	Remarks see continuation sheet
	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	$(R_1 + R_2)$	(R ₂)		ΜΩ	ΜΩ	ΜΩ	ΜΩ		Ω	io (ms)	≝ °	Ą	Š
9/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.76	24/23	1		NO
9/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	✓	0.83	29/29	✓		NO
9/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	✓	0.63	28/28	✓		NO
10/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	√	0.94	29/29	1		NO
10/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	29/29	1		NO
10/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	38/29	1		NO
11/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	36/28	1		NO
11/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
11/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/L2	N/A	N/A	N/A	N/A	N/A	LIM	N/A	N/A	LIM	N/A		LIM	N/A	N/A		NO
12/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
13/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	✓	0.86	29/29	✓		NO
13/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	\	0.83	29/29	✓		NO
13/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	29/29	✓		NO
14/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	29/29	✓		NO
14/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	\	0.78	28/29	✓		NO
14/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	29/29	✓		NO
15/L1	-	-	-	-	•	-	ı	-	-	-	,	-	-	-	-	-
15/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.34	38/29	✓		NO
15/L3	-	-	-	-	-	-	1	-	-	-	•	-	-	-	-	-
16/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
16/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
16/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO

Position

Date of

testing

Copyright ©	Trimble 2018	. FastTest Pro	v2018.0.3.	Powertest LTD

Steven Davis

Tested By

Name

Signature

Grade 1 Test Engineer

01/12/2021

Boar	rd Detai	s														
Т	O BE COM	√IPLETE	ED IN EVERY CASE		ONLY 1	O BE CC	MPLETE	.D IF THI	E DISTR	IBUTION BOARD IS N OF THE INSTALLAT		NECTED	DIRECT	LY TO T	HE ORIC	SIN
	bution		iilding External ical Cupboard		Supply to distributi board is No of ph	from:	3		Nominal	ritch Fuse,	BS(EN	1)	N/A	CD (if an	y)	
board	bution d nation	DB 16			Overcuri		ctive devi			Rating 100 A	Poles RCD R	Rating	N/A			mA
	uit Detai	ile														
	III Deta	13			pod	Z ed	Cir	rcuit	D C	Ove	ercurrent p				RCD	(Ω)
Circuit number and phase		Circuit o	designation	Type of wiring	Reference method	No of points served	conduct Live mm ²	cpc mm ²	Max permitted disconnection times (s)	BS(EN)	AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (l∆n)	Maximum permitted Zs(Ω)
17/TP	AC 1			G	E	2021	4	4	0.4	60898 MCB	T '	С	32	10	N/A	0.68
18/TP	AC 2			G	Е	2021	4	4	0.4	60898 MCB		С	32	10	N/A	0.68
19/L1	Way Not Av	ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
19/L2	AC Control (this room		D	В		1.5	1.5	0.4	60898 MCB		В	10	10	N/A	4.37
19/L3	FCU Time c	lock - As	Marked	D	В		2.5	1.5	0.4	60898 MCB		В	16	10	N/A	2.73
20/L1	Air Intake - /	As Marker	d	D	В		2.5	1.5	0.4	60898 MCB		В	16	10	N/A	2.73
20/L2	Gents Hair [Dryer		D	В	2021	2.5	1.5	0.4	60898 MCB		В	16	10	N/A	2.73
20/L3	Laides Hand	d Dryer		D	В	2021	2.5	1.5	0.4	60898 MCB	+	В	10	10	N/A	4.37
21/L1	Air Intake - /	As Marker	d	G	С	+	6	6	5	60898 MCB	+	С	32	10	N/A	0.68
21/L2	Sub Mains([DB Conta	iner)	D	В	2021	10	10	0.4	61009 RCD/RCBO	+	В	32	10	30	1.37
21/L3	Roof Fans F	-CU		D	В	2021	1.5	1.5	0.4	60898 MCB	+	В	10	10	N/A	4.37
22/L1	Air Intake C	ontrol - As	s Marked	D	В	+	1.5	1.5	0.4	60898 MCB	+	В	10	10	N/A	4.37
22/L2	Way Not Av	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
22/L3	Way Not Av	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
23/L1	Way Not Av	/ailable		-	-	-	-	-	-	-	-	-	-	-	-	-
23/L2	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-
23/L3	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-
24/TP	AC 3			G	E	2021	4	4	0.4	60898 MCB		С	32	10	N/A	0.68
	<u> </u>															
														ļ		
	l															
Wirir	ng Code															
	A B			С		D		Е		F	G		Н		0	
	A B PVC/PVC in metallic conduit			PVC cabl in non-meta condui	allic	PVC cable in metallic trunking	1 :	PVC cabl in non-meta trunkin	allic		.PE/SWA cables		linsulated ables	0	Other	

SCHEE	OULE O	F CIRCU	IT TEST	S FOR	THE INS	STALLA	TION				8	0348 - Ma	aster			
Board ⁻	Tests															
		TO BE C	OMPLETE	IN EVERY	CASE				TES	ST INSTRU	JMENT	S (SERIAL N	UMBERS) USED	,	
		arity confirme ary Conductor			equence co ppropriate)		N/A	Earth fau		1291679		RCD	1012	29167	9	
	O BE COM	IPLETED IF	THE DISTR				ECTED	impedan Insulatio	ce			Multi-		20107		
		ECTLY TO T			ISTALLATI	ON		resistano		1291679		functi				
Zs 0.2		≥ Ipf 2.0 associated F			Ι/Δ "	าร		Continuit	ty 101	1291679		Other	N/A			
		its and/o					ge									
N/A																
Circuit	Tests															
on ouit	. 5515	Circ	cuit Impeda Ω	nces			Insu	lation resis	tance				RC	D	E	
Circuit number and phase		g final circuits easure end to	s only	All cir (At lea colu to be cor	ıst one ımn	Test Voltage	Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	Polarity (v)	Maximum measured earth fault loop impedance	Disconnection time	Test button operation	AFDD Test button operation	Remarks see continuation
	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	(R _{1 +} R ₂₎	(R ₂)		ΜΩ	ΜΩ	ΜΩ	ΜΩ		Ω	i <u>⇔</u> (ms)	₽° °	Ą	ŭ
17/TP	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.31	N/A	N/A		NO
18/TP	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.29	N/A	N/A		NO
19/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
19/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
20/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
20/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.47	N/A	N/A		NO
20/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.55	N/A	N/A		NO
21/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
21/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.83	43/25	1		NO
21/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.59	N/A	N/A		NO
22/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
22/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24/TP	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.29	N/A	N/A		NO
Tested									<u> </u>				<u> </u>		<u> </u>	<u></u>

Position

Date of testing

Grade 1 Test Engineer

01/12/2021

Steven Davis

Signature

Name

Boar	d Detai	ils															
Т	O BE CO	MPLETE	ED IN EVERY CASE	Ε	(ONLY T	O BE CO	MPLETE	.D IF THE	E DISTR	RIBUTION BOARD OF THE INSTALL		NECTED	DIRECT	LY TO T	HE ORIG	SIN
Locati Distrik Board Distrik board design	bution d bution	Contai	tions Green iner By ound ontainer		di bo N	Supply to istribution oard is followed is followed in the control of the control	on S from: ases 1 ent protec	SubMai 1 ctive devi		Nominal e distribu	al Voltage 230	BS(EN V RCD N Poles	l) lo of	61008 2 30	CD (if an		πA
Circu	uit Deta	ails.															
					D.	pod	Z	Cir	cuit	7 E		Overcurrent p				RCD	(Ω)
Circuit number and phase		Circuit o	designation		Type of wiring	Reference method	No of points served		cont tors csa	Max permitted disconnection times (s)	BS(EN)	AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (I∆n)	Maximum permitted Zs(Ω)
1/L2	Sockets				А	В	2021	2.5	1.5	0.4	60898 MCB		В	16	10	N/A	2.73
2/L2	Lighting - A	As Marked			А	В		1.5	1	0.4	60898 MCB		В	6	10	N/A	7.28
Wirir	ng Code	e															
		A	В		С		D		Е		F	G		Н		0	
		YPVC bles	PVC cables in met allic conduit	non	/C cables in n-metalli conduit	lic	PVC cable in metallic trunking	: r	PVC cabl in non-meta trunkin	allic	PVC/SWA cables	XLPE/SWA cables		alinsulated ables	0	Other	

															_		
Board ⁻	Tests																
		TO BE C	OMPLETE	IN EVERY	CASE				TE	EST INSTRI	JMENT	S (SEF	RIAL NU	IMBERS) USED		
Correct	supply pol	arity confirme	d 🗸		equence co		N/A	Earth fau	ılt								
Su	upplementa	ary Conductor	rs 🗸	(where a	ppropriate)			loop impedan	21	170068			RCD	2170	0068		
ONLY T		MPLETED IF					ECTED	Insulatio		170060			Multi-	NI/A			
Zs 0.8					IOTALLATI	014		resistano	ce Z	170068			function	n N/A			
		2 Ipf 0.3 associated R			I/O n	ns		Continui	ty 21	170068			Other	N/A			
		uits and/o					70										
	OI CIICC	ilis ariu/oi	equipii	ient vain	crable t	o dama	ye _										
N/A																	
Circuit	Tests																
		Circ	uit Impeda Ω	nces			Insu	lation resis	stance					RCI	D	E C	Ē
Circuit	Dia	g final circuits			rcuits						3	meas	imum - sured	- E	_	AFDD Test button operation	Remarks see continuation sheet
number and		easure end to		colu	ist one imn	Test	Live/	Live/	Live/	Earth/	Polarity (v)		fault op	necti	ation	Test	emal ontin
phase	4:)		()	to be co		Voltage	Live	Neutral	Earth	Neutral	&	impe	dance	Disconnection By time	Test button operation	9	See o
4/10		r _n (Neutral)	r ₂ (cpc)	(R ₁ + R ₂)	(R ₂)	500	ΜΩ	ΜΩ	ΜΩ	ΜΩ			2	□ (ms)	N/A	٩	
1/L2	N/A	N/A	N/A	N/A	N/A		N/A	N/A	299	N/A	1	0.					YES
2/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N	/A	N/A	N/A		NO
													+		\vdash		
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Tested	Ву																
Signa	ature			P-1-	_			Position	1	Test Er	ginee	er					
Name	е	Richa	rd Johns					Date of		01/12/2	021						

Boai	rd Detai	İs																
٦	TO BE COI	MPLETE	D IN EVERY CASI	E	(ONLY TO	O BE CO	MPLETE	ED IF TH	E DISTF	RIBUTION BOARE OF THE INSTAL		CONN	IECTED	DIRECTI	LY TO T	HE ORIG	SIN
	tion of	Lab R	00m 9		S	Supply to								Asso	ciated R0	CD (if an	y)	
	bution	Lab I	50111 5			istributio oard is f		SubMa	ins(DB	8, 10/	L1)	Ь	S(EN))	61008	RCD		
БОАК	,				N	lo of pha	ases	1		Nomina	al Voltage 230	V	RCD N			TROB		
Distri	bution	DBla	b Room 9		C)vercurre	ent proted	ctive devi	ice for the	e distribi	ution circuit		oles	0.01	2			
board desig	l nation	DD La	D TOOM 5		Т	ype BS(EN) (50898	мсв с	;	Rating 40	A R	RCD R	ating	30		n	nΑ
Circ	uit Deta	ils																
					Đị.	poų:	rved	Cir	cuit	76 E		Overcur	rent pi				RCD	(Ω)
Circuit number and phase		Circuit o	designation		Type of wiring	Reference method	No of points served		cpc mm ²	Max permitted disconnection times (s)	BS(EN)		FDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (l∆n)	Maximum permitted Zs (Ω)
1/L1	Dado Sock	ets			А	В	2021	2x2.5	2x1.5	0.4	60898 MCB			В	32	10	N/A	1.37
2/L1	Bench Soci	kets			Α	В	2021	2.5	1.5	0.4	60898 MCB			В	16	10	N/A	2.73
3/L1	Pump - As	Marked			А	В		2.5	1.5	0.4	60898 MCB			В	6	10	N/A	7.28
4/L1	A/C Unit - E	xternal - A	As Marked		F	С		4	2.5	0.4	60898 MCB			В	20	10	N/A	2.19
5/L1	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-
				_														
				_														
											[
Wirir	ng Code	9					1	1										
	T A	4	В		С		D		E		F	G			Н		0	
	PVC cables PVO/PVC in				VC cables in n-metall conduit	lic	PVC cable in metallic trunking		PVC cab in non-meta trunkir	allic	PVC/SWA cables	XLPE/Si cable	MA	Mineral	insulated ables		ther	
						\perp												

																_	
Board [*]	Tests																
		TO BE C	OMPLETE	IN EVERY	CASE				TE	ST INSTRI	JMENT	S (SEF	RIAL NU	IMBERS)) USED		
Correct	supply pol	arity confirme	ed 🗸		equence co		N/A	Earth fai	ılt								
Sı	upplementa	ary Conducto	rs 🗸	(wnere a	ppropriate)	_		loop	10	1291679			RCD	1012	29167	9	
ONLY T		MPLETED IF					ECTED	impedar Insulatio		4004070			Multi-	21/2			
- 0		RECTLY TO T			NSTALLATI	ON		resistan		1291679			function	n N/A			
Zs 0.		∑ Ipf 1.0 associated F			Ι/Δ	20		Continui	ty 10	1291679			Other	N/A			
						ns											
	of circu	iits and/o	r equipn	ient vuin	ierabie t	o dama	ge										
N/A																	
Circuit	Tests																
Onoun	10010	Circ	cuit Impeda	nces			Insu	lation resis	stance					RCI	 D	_	
Circuit			Ω	All ci	rcuits						<u> </u>		mum			AFDD Test button operation	Remarks see continuation sheet
number and		g final circuits easure end to			ast one umn	Test	Live/	Live/	Live/	Earth/	Polarity (v)	earth		Disconnection B time	Test button operation	Fest eratio	mark
phase	(,,,,				mpleted)	Voltage	Live	Neutral	Earth	Neutral	Po	imped	op dance	conn	est bu	90.	Re co
	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	$(R_1 + R_2)$	(R ₂)		ΜΩ	ΜΩ	ΜΩ	ΜΩ		2	2	≅ (ms)	<u>"</u>	Ą	ŭ
1/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.	71	N/A	N/A		NO
2/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.8	80	N/A	N/A		NO
3/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N.	/A	N/A	N/A		NO
4/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N.	/A	N/A	N/A		NO
	_		_	_	-		_	_	_	_		<u>.</u>				_	
5/L1	-	-	-	_	-	-	-	-		-	-			-	-		-
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Tested	Ву									1							
Signa								Positio	1	Grade 1	1 Tee	Engi	neer				
Jigilio										Grade	168	Liigi	IICEI				
Name	е	Steve	n Davis					Date of		01/12/2	021						

Boar	d Deta	ils																	
Т	O BE CO	MPLETE	D IN EVERY CAS	E	(ONLY T	O BE CO	MPLETE	D IF THI	E DISTF	RIBUTION BOARI OF THE INSTA			IECTED	DIRECT	LY TO T	HE ORIG	SIN	
Locati	f	Culture	e Room		8	Supply to)							Asso	ciated R0	CD (if an	y)		
Distrib	oution	Julian	, 1100111			listributio oard is t		SubMa	ins(DB	9, 7/L	2)	-11	BS(EN)	61008	3 RCD			
Board					N	lo of pha	ases	1		Nomina	al Voltage 230	V	RCD N			TOB			
Distrik	oution	DB 11			C)vercurr	ent proted	ctive devi	ce for the	e distrib	ution circuit		Poles	0 01	N/A				
board desigi		DB 11			Т	ype BS	(EN)	3871 M	CB 2		Rating 32	А	RCD R	ating	30 mA				
	iit Deta	ilo																	
	III Dela	IIIS		Т		<u> </u>	p _e /					Overd	current p				RCD	- Ĉ	
Circuit number and phase					Type of wiring	meth	s ser		cuit tors csa	Max permitted disconnection times (s)			device)		≒ €		Maximum permitted Zs (Ω)	
rcuit numb and phase		Circuit o	designation		oe of	ence	point			ax permitt sconnective times (s)	BS(EN)		AFDD	Туре	Rating (A)	circu ity (k	rating nt (l∆	dimun nitted	
Cir					Typ	Reference method	No of points served	Live mm ²	cpc mm ²	Mag dise					Ratii	Short circuit capacity (kA)	Operating current (l∆n)	Ma) peri	
1/L2	Sockets - L	eft Wall			С	В	2021	2x2.5	2x1.5	0.4	60898 MCE	3		В	32	10	N/A	1.37	
2/L2	Sockets - F	Right Wall			С	В	2021	2x2.5	2x1.5	0.4	60898 MCE	3		В	32	10	N/A	1.37	
3/L2	Sockets - L	eft Wall			С	В	2021	4	2.5	0.4	60898 MCE	3		В	20	10	N/A	2.19	
4/L2	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-	
5/L2	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-	
6/L2	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-	
7/L2	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-	
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Wirin	g Cod	е																	
		٩	В		С		D		Е		F	(G		Н		0		
		/PVC bles	PVC cables in metallic conduit	no	VC cables in n-metall conduit	lic	PVC cable in metallic trunking		PVC cabl in non-meta trunkin	allic	PVC/SWA cables	XLPE/SN/A Mineral insulated cables cables		ed Other					
														1					

			_													_				
Board ⁻	Tests																			
		TO BE C	OMPLETE	O IN EVERY	CASE				TE	ST INSTRI	JMENT	S (SEF	RIAL NU	MBERS)) USED					
Correct	supply pol	arity confirme	ed 🗸		equence co		N/A	Earth fai	ılt											
Su	upplementa	ary Conductor	rs 🗸	(where a	ppropriate)			loop impedar	10	1291679			RCD	1012	29167	9	\neg			
ONLY T		MPLETED IF					ECTED	Insulatio		1001670			Multi-	N/A						
Zs 0.3					OTALLATI	011		resistan	resistance 101291679 Multi- function							IV/A				
		2 Ipf 0.5 associated F			J/A n	ns		Continui	ty 10	1291679			Other	N/A						
		uits and/o					ae.													
	OI CIICL	ilis ariu/o	r equipii	ient vain	lerable t	o dama	ye _													
N/A																				
Circuit	Tests																			
		Circ	cuit Impeda Ω	nces			Insu	lation resis	stance					RCI	D	E	_			
Circuit					rcuits						<u> </u>		mum -	L.	_	AFDD Test button operation	Remarks see continuation sheet			
number and		g final circuits easure end to		colu	ast one umn	Test	Live/	Live/	Live/	Earth/	Polarity (v)	earth		nectii	ation	D Test bu	emar ontin shee			
phase		A		+	mpleted)	Voltage	Live	Neutral	Earth	Neutral	&	imped	dance	Disconnection (%) time	Test button operation	GG.	See o			
		r _n (Neutral)	r ₂ (cpc)	(R ₁ + R ₂)	(R ₂)	500	ΜΩ	ΜΩ	ΜΩ	ΜΩ		2				⋖				
1/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.9		N/A	N/A		NO			
2/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.8	89	N/A	N/A		NO			
3/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.8	86	N/A	N/A		NO			
4/L2	-	-	-	-	-	-	-	-	-	-	-			-	-	-	-			
5/L2	-	-	-	-	-	-	-	-	-	-	-	<u> </u>		-	-	-	-			
6/L2	-	-	-	-	-	-	-	-	-	-	-	<u> </u>	. +	-	-	-	-			
7/L2	_	_	-	-	-	-	_	-	_	<u> </u>	-	 			_	_	_			
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Signature							Positio	า	Test Er	ginee	r									
Name		Richa	rd Johns	;		Date of testing 01/12/2021														

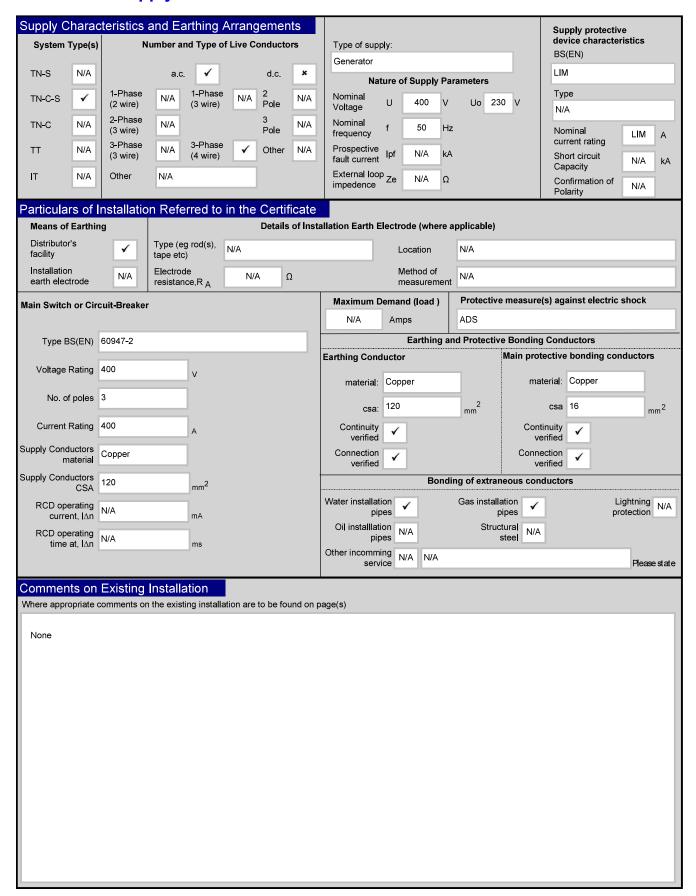
Boar	rd Detai	ils																	
T	O BE CO	MPLETE	ED IN EVERY CASE	=	С)NLY T	O BE CO	MPLETE	D IF TH	E DISTR	RIBUTION BOARD OF THE INSTAI			JECTED	DIRECTI	LY TO T	HE ORIG	IN NE	
Locati	ion of	Ozon€	e Plant Room			upply to	,	2 5 5 4 -	(20	15 4				Asso	ciated R0	CD (if an	y)		
	bution	025	· I will recomme			stributio oard is f		SubMai					BS(EN)	N/A				
Dour					No	o of pha	ases 3	3		Nomina	l Voltage 400	V	RCD N						
	bution	DB Oz	zone Plant CP		0	vercurre	ent protec	tive devi	ce for the	e distribu	ution circuit		Poles		N/A				
board desigi	l nation				Ту	ype BS(EN) (60898 N	исв с		Rating 32	Α	RCD R	ating	N/A	mA			
Circu	uit Deta	ils																	
					Вu	thod	erved	Cir	cuit	p c		Overd	current po device	rotective			RCD	δ(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 (l∆n)	Maximum permitted Zs(Ω)	
1/TP	Pump				F	E	2021	2.5	2.5	0.4	88-2 Fuse HR	RC		gG	6	80	N/A	7.80	
2/L1	Compressor- As Marked				F	E		2.5	2.5	0.4	88-2 Fuse HR	RC		gG	6	80	N/A	7.80	
2/L2	Ozone Gen	erator			F	Е	2021	2.5	2.5	0.4	88-2 Fuse HR	RC		gG	6	80	N/A	7.80	
2/L3	Catalytic D	estructor -	- As Marked		F	Е		2.5	2.5	0.4	88-2 Fuse HR	RC		gG	6	80	N/A	7.80	
3/L1	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-	
3/L2	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-	
3/L3	3 Air Dryer - As Marked				F	С		2.5	2.5	5	88-2 Fuse HR	RC		gG	4	80	N/A	21.00	
				\top															
	 I			+	\dashv														
					+														
				+	\dashv					-									
				+	\dashv		\vdash	\vdash	<u> </u>	-									
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Wirin	ng Code	е																	
		Α	В		С	\top	D	\top	E		F	(H		0	1	
			D) /C ashles									1							
		7PVC oles	PVC cables in metallic conduit	non-r				allic			_PE/SNA Mineral insulated cables cables			d Other					

			_																
Board ⁻	Tests																		
		TO BE C	OMPLETE	IN EVERY	CASE				TE	ST INSTRI	JMENT	S (SEF	RIAL NU	IMBERS)) USED				
Correct	supply pol	arity confirme	ed 🗸		equence co		N/A	Earth fai	ılt										
Sı	upplementa	ary Conductor	rs 🗸	(where a	ppropriate)			loop impedar	10	1291679			RCD	1012	29167	9			
ONLY T		MPLETED IF					ECTED	Insulatio		1001670			Multi-	NI/A					
Zs 0.					IOTALLATI	011		resistan	resistance 101291679 Multi- function N/A										
		2 Ipf 1.2 associated F			I/A n	ns		Continui	ty 10	1291679			Other	N/A					
		uits and/o					ne												
	01 01100	into arrazo	гечарп	TOTIL VAIIT	CIUDIC (o dama	gc												
N/A																			
Circuit	Tests																		
		Circ	cuit Impeda Ω	nces			Insu	lation resis	tance					RCD 5			5		
Circuit number	Rin	g final circuits	s only		rcuits ist one						3	meas	imum sured	io	<u> </u>	AFDD Test button operation	arks nuation		
and		easure end to			ımn	Test	Live/	Live/	Live/	Earth/	Polarity (v)	earth lo		me	Test button operation) Tes	Rema contil		
phase	r ₄ (Line)	r _n (Neutral)	r ₂ (cpc)	(R _{1 + R₂)}	(R ₂)	Voltage	Live MΩ	Neutral MΩ	Earth MΩ	Neutral MΩ	₾		dance	Disconnection B time	Test	AFDI	Remarks see continuation sheet		
1/TP	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A		0.9		N/A	N/A		NO		
2/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	N,	/A	N/A	N/A		NO		
2/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A		0.4		N/A	N/A	-	NO		
											1								
2/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N.	/A	N/A	N/A		NO		
3/L1	-	-	-	-	-	-	-	-	-	-	-	-	.	-	-	-	-		
3/L2	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		
3/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N,	/A	N/A	N/A		NO		
													\rightarrow			-			
													\rightarrow		-	-			
															<u> </u>				
													+						
Tested	Bv																		
					a >			Positio	1	Grade 1	l Tee	Engi	neer				7		
Signature									Graue	1 1 5 5	Liigii	11001							
Name	е	Steve	n Davis					Date of		01/12/2	021								

Boar	rd Detai	İs															
Т	O BE COI	MPLETE	ED IN EVERY CASE		ONLY T	O BE CO	MPLETE	.D IF TH	E DISTR	IBUTION BOARD IS I OF THE INSTALLAT		NECTED	DIRECTI	LY TO T	HE ORIC	3IN	
Locati	ion of	Ozone	e Plant Room		Supply to	, ,	2 5 5 4 -	(50	12.45			Asso	ciated RC	CD (if an	y)		
	bution	0255	, 1 1011111100		distributio board is f		SubMai	.ns(มห	13, 1/1	ΓP)	BS(EN)	N/A				
Dualu					No of pha	ises	3		Nominal	l Voltage 400 V	RCDN						
Distrik	bution	DB 15			Overcurre	ent protec	ctive devi	ce for th	e distribu	ition circuit	Poles	0 0,	N/A				
board desigi	l nation	טו טט			Type BS((EN)	60898 N	мсв с	;]	Rating 63 A	RCD R	tating	N/A		n	nΑ	
Circu	uit Deta	ils															
				D D	pod	irved	Cir	Circuit		Ove	ercurrent p				RCD G		
Circuit number and phase		Circuit o	designation	Type of wiring	Reference method	No of points served	conduct Live mm ²	cpc mm ²	Max permitted disconnection times (s)	BS(EN)	AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (l∆n)	Maximum permitted Zs(Ω)	
1/TP	Sub Mains(DB Ozone	e Plant CP)	F	С	2021	6	6	5	60898 MCB		С	32	10	N/A	0.68	
2/L1	External Lig	ght - As Ma	arked	А	С		1.5	1.5	0.4	60898 MCB		В	16	10	N/A	2.73	
2/L2	Heater - Left Hand Side Wall - As Marked			В	В		1.5	82.6	0.4	60898 MCB		В	16	10	N/A	2.73	
2/L3	B Double RCD Socket OZONE			G	Е	2021	2.5	2.5	0.4	60898 MCB		В	16	10	N/A	2.73	
3/L1	Lighting & Extract Fan - As Marked			В	В		1.5	82.6	0.4	60898 MCB		В	16	10	N/A	2.73	
3/L2	2 ATi ORP monitors			G	E	2021	1.5	1.5	0.4	60898 MCB		С	6	10	N/A	3.64	
3/L3	3 UV supply - As Marked			G	E		2.5	2.5	0.4	60898 MCB		В	16	10	N/A	2.73	
4/L1	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-	
4/L2	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-	
4/L3	Sump Pump			А	В	2021	2.5	1.5	0.4	61009 RCD/RCBO	+	В	16	10	30	2.73	
5/L1	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-	
5/L2	Street Light	t - As Mark	ked	F	D		6	6	0.4	60898 MCB		С	6	10	N/A	3.64	
5/L3	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-	
6/L1	Outside pur	mps		G	D	2021	2.5	1.5	0.4	61009 RCD/RCBO	†	В	16	10	30	2.73	
6/L2	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-	
6/L3	SPARE			-	-	-	-	-	-			-	-	-	-	-	
			•														
				-													
				+													
Wirin	ng Code	a															
VVIIII							_			F		_		_		7	
	<i>H</i>	1	В	С		D		E		F	G	-	Н		0	_	
		/PVC bles	PVC cables in met allic conduit	PVC cable in non-metal conduit	llic	PVC cable in metallic trunking	, ,	PVC cablin in non-meta trunkin	allic		XLPE/SWA Mineral insulated cables cables		d Other				

SCHILL	JULL O	r Circo	II ILSI	3 FOR	IIIL IINC	JIALLA	HON				٥	0340	- IVIA	SICI			
Board 7	Tests																
		TO BE C	OMPLETE	IN EVERY	CASE				тс	ST INSTRU	IMENIT	C (CED	IAL NILI	MDEDO	LISED		
Correct :	supply pol	arity confirme	d 🗸		equence co		N/A	Earth fau		OT INOTING	JIVILIVI	o (oliv	IAL NO	WIDEI(O)	OGLD		
Su	ipplementa	ary Conductor	rs 🗸	(where a	ippropriate)			loop impedan	10	1291679			RCD	1012	29167	9	
ONLY T		MPLETED IF					ECTED	Insulation resistance	n 10	1291679			Multi- function	N/A			
Zs 0.2								Continuit		1291679			Other	N/A			
		associated F				ns - demo											
	OI CIICL	iits and/o	equipii	ient vuin	erable t	o dama	ge										
N/A																	
Circuit '	Tests	Circ	cuit Impeda														
a: "		Circ	Ω				Insu	lation resis			Maxir	num	RCI	D ——	Itton	tion	
Circuit number and phase		g final circuits easure end to		(At lea	rcuits ast one umn mpleted)	Test Voltage	Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	Polarity (v)	measi earth loo imped	ured fault p	Disconnection (%) time	Test button operation	AFDD Test button operation	Remarks see continuation sheet
	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	(R _{1 + R₂₎}	(R ₂)		ΜΩ	ΜΩ	ΜΩ	ΜΩ		Ω		Sign (ms)	Tes P	AF	Se
1/TP	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0,3	5	N/A	N/A		NO
2/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	4	N/A	N/A		NO
2/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	4	N/A	N/A		NO
2/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.6	6	N/A	N/A		YES
3/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	4	N/A	N/A		NO
3/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.5	1	N/A	N/A		NO
3/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N//	٩	N/A	N/A		NO
4/L1	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
4/L2	-	-	-	-	-	-	-	-	-	-	_	-		-	-	-	-
4/L3 5/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	√	0.8	4	29/19	√	_	NO -
											_		_			<u> </u>	
5/L2 5/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	_	N/A	4	N/A	N/A	_	NO
6/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A		0.6	6	29/29		<u> </u>	NO
6/L2	-	-	-	_	-	_	-	-		_	-	-		-	-	-	-
6/L3	-	-	-	-	-	_	-	-	-	-	-	-		_	-	-	-
													+				
Tested	Ву				l						1						
Signa	ature							Position	1	Grade 1	l Test	Engir	neer				
Name Steven Davis					Date of testing		01/12/2	021									
	Sieven Davis																

Additional Supply No 1



Extent of Electrical Installation covered by this report, Continued. from page 1

To provide detailed results of the areas detailed as (Fisheries Lab, Ozone Lab & Environmental Planning) (equating to an approximate 1/3 of the whole installation) supplemented by a risk based approach to final circuit testing. Inspection & Testing undertaken in accordance with IET Guidance Note 3.

With the exception of those circuits whose designation have been confirmed (as detailed with the inclusion of tests), it should be observed that all other circuit details are 'as marked' and may not be relied upon for their accuracy.

The test result sheet columns entitled 'Number of points served' specifies the year of test of that circuit.

Agreed limitations including the reasons, Continued. from page 1

Powertest Ltd were not responsible for the design or installations of the electrical system covered by this report and are therefore not responsible for any of these aspects of work over which they have no control.

Cables concealed within trunking and conduits or cables and conduits concealed under floors in roof spaces and generally within the fabric of the building or underground have not been inspected.

The inspection and testing of installed machinery is limited to: -

- a. An external visual inspection for electrical safety excluding all control and operational functions.
- b. Earth continuity test to all exposed conductive parts.

Unless otherwise requested the following specialist areas will be subject to separate contracts and will not therefore form part of the inspection and test.

- a. Emergency lighting systems.
- b. Lightning protection systems.
- c. Lift installations.
- d. Potentially explosive atmosphere installations.
- e. High level parts of the fixed installation and other parts of the installation not normally accessible without specialised equipment.
- f. Examination of machinery.
- g. H.V. Power Systems i.e. in excess of 1000 volts ac.
- h. Fire detection and alarm systems.
- Data/telecommunication systems.

The installation may have been completed to IET Wiring Regulations that predate the current edition. In this case recommendations may be made with regard to current safety standards.

Operational Limitations including the reasons, Continued. from page 1

- 1 No access to the circuit protective device at origin of supply.
- 2 Unable to disconnect main Earthing conductor to perform Ze as client does not want whole site loss of power at the time of testing. Zs Recorded with all parallel earths connected.
- 3 Unable to remove main panel cover due to unable isolate supply at site request.

- 4 Unable to perform Line to Earth Insulation tests across voltage sensitive circuits or circuits that were unable to be de-energised during the inspection.
- 5 Unable to operate main Switch For Function test Please See Operational Limitation 2.
- 6 Unable to inspect accessories located behind large Furniture or Stored materials
- 7 Unable to confirm Sub Main circuits due to client unable to de-energise (loss of critical equipment)
- 8 unable to isolate supplies to local Server circuits,

General condition of the installations (In terms of electrical safety), Continued. from page 1

Due to the presence of C2 defects the installation is deemed to be in an Unsatisfactory condition until these are rectified because they are judged to have the potential to impair the safety of the installation. Please see section K Observations for full details paying due consideration towards the improvement of the advisory C3 defects also. There is also an observation where a further investigation FI outcome has been documented where it was not possible to trace an energised circuit, in this instance the circuit should be traced You are reminded of your obligations under Regulation 4 of the Electricity at Work Regulations (EaWR) that specifies the requirement for electrical installation 'Maintenance'.

Approximately 50 % percentage of circuits have been tested for disconnection in the event of a fault has been re-validated

Observations Continued from Page 2

Item No	Description	Code
	investigate due to it powers the comms cabinet in room 4.	
3	5.0 FINAL CIRCUITS 5.18 Condition of accessories including socket-outlets, switches and joint boxes	C2
	(651.2(v)), Comment:	
	1- DB13 - room 10 - EM key switch is damaged.	
	2 - DB16 - 10L1 Main office wall socket - dry liner box lug is damaged socket not secure.	
	3 - DB16 - 7L1 - Floor box socket adj to desk is not secure	
	4 - DB16 - 8L1 - Rear desk 263 socket not secured	
	5 - DB16 10L1 - socket - lug damaged	
	6 - DB16 - 5L3 - Store Room RCD socket will not reset. test button defunct.	
4	5.0 FINAL CIRCUITS 5.7 Adequacy of protective devices: type and rated current for fault protection (411.3),	C2
	Comment: DB 10 Circuit 3L3 - local RCDs Rated at 25A fed via 32A MCB - device is under rated.	
5	3.0 EARTHING / BONDING ARRANGEMENTS (411.3; Chap 54) 3.6 Confirmation of main protective bonding	C2
	conductor sizes (544.1), Comment: Main Protective bonding conductors to incoming Extraneous Conductive	
	Parts appears under sized. when referenced against table 54.8. All outbuildings fed from a TN-CS earthing	
	arrangement require to be sized via regulation 542.1.3.3.	
6	5.0 FINAL CIRCUITS 5.6 Coordination between conductors and overload protective devices (433.1; 533.2.1),	C2
	Comment: DB10 Circuit 3L3 - has 3x2,5mm conductors leaving the MCB - potentially overfused for the size of	
	conductor.	
7	4.0 CONSUMER UNIT(S) / DISTRIBUTION BOARD(S) 4.9 Correct identification of circuit details and protective	FI
	devices (514.8.1; 514.9.1), Comment: The following circuits have no circuit description - further investigation	
	required to ensure they are safe for continued use.	
	DB8 - 4L3, 6L1,6L3,9L2	
	DB9 - 3L2, 5L1,13L3	
	DB13 - 6L3	
8	DB 13_ 8/L1_ Room 3 Desk Sockets_ Excessive Earth Loop Impedance	C3
9	DB 13_ 17/L1_ Room 9 Sockets_ Excessive Earth Loop Impedance	C3

Code Key

- C1 Danger present. Risk of injury. Immediate remedial action required
- C2 Potentially dangerous urgent remedial action required
- C3 Improvement recommended
- FI Further investigation required without delay

DB 8, 1/L2, Sockets - Experimental Wet Room - Remarks

4 x local RCD sockets - unable to obtain results due to selectivity on the circuit.

DB 10, 3/L3, Room 21 & 22 Sockets - Remarks

Room 21 local RCD - Operating Time of Associated RCD 1 x @30mA - 29ms and 5 x @150mA - 16ms Operation of test Button function Pass

Room 22 Local RCD - Operating Time of Associated RCD 1 x @30mA - 28ms and 5 x @150mA - 16ms Operation of test Button function Pass

DB Container, 1/L2, Sockets - Remarks

unable to obtain local RCD results due to poor selectivity in this circuit.

DB 15 , 2/L3, Double RCD Socket OZONE - Remarks
Operating Time of Associated RCD S/O 1 x @30mA -9 ms and 5 x @150mA -9 ms Operation of test Button function
Pass

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.
- 4. 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.