## ELECTRICAL INSTALLATION CONDITION REPORT



A. Details	of the Client/Person Orde	ering the I	Report	B. Reason fo	or Producin	g this Repoi	rt	
Client:	Environment Agency - NV	10020850		Purpose of this	s report:			
Address:	Anglian Region Kingfisher House Goldhay Way, Orton Goldh Peterborough	nam		inspection accordance	and test of to be with IS3 s	sults of the in the installatio pecfication.		•
	PE2 5ZR			Date(s) on wh and testing wa	ich Inspection: as carried out	30/11/202	1	
C. Details	of the Installation which i	s the Sub	iect of this Report				_	
Installation:	Main Building & Canteen			Description of	of	mestic	Commer	
Occupier:	Environment Agency - NV	10020850		premises:		N/A	N/A	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Address:	Central Area Office	1002000		Other: N/A				
Address.	Bromholme Lane			Estimated ag	ge of wiring syste	em:		23 yrs
	Brampton			Evidence of a	alterations		If yes	20
		PE	E28 4NE	or additions:		Date of prev	estimate	d Age // yrs
Record of Installation a	vailable:	Allianz E	Engeering			inspection:	1	1/11/2017
D. Extent	and Limitations Inspection	n and Tes	stina					
	ctrical Installation covered by this rep			Agreed limitations	including the rea	asons (See regul	ation 653.	2)
	nt comments;			For Agreed L		mments;		
See Ad	ditional Page			See Additio				
Operational I	_imitations including the reasons (Se	e page No	Agreed with name	Gary - Facilti	es Manager			
	rational Limitations comment							
See Ad	lditional Page							
to July 2018 It should be been inspec	on and testing detailed in this report a 3 noted that cables concealed within tr ted unless specifically agreed between cal equipment.	unking and co	onduits, under floors, in ro	of spaces, and gen	erally within the	fabric of the build	ding or un	derground, have NOT
E. Summ	ary of the Condition of the	Installati	On General conditi	on of the installatio	ns (In terms of e	electrical safety)		
	mary of the Condition of the	Installation	comments;					
	ditional Page		*An unsatisfactory ass	accoment indicates	that dangaraya	(codo C1) and/o	r notontial	lly dangerous (code
		atisfactory	C2) conditions have b		triat darigerous	(code CT) and/o	гроцепца	ny dangerous (code
	nmendations							
'Danger pres Investigation	verall assessment of the suitability of ent" (code C1) or 'Potentially danger without delay is recommended for of classified as 'Improvement recomme Subject to the ne	ous' (code C2 oservations id nded' (code C	) are acted upon as a mati lentified as <i>'further investi</i> g	ter of urgency. gation required' (co onsideration.	de FI).		·	00/44/0004
G. Declar	we, being the person(s)	responsible	for the inspection and testi	ing of the electrical	installation (as i	ndicated by Our	signature	es below), particulars of
	which are described abo information in this report	, including the	ercised reasonable skill are observations and attache ted extent and limitations	ed schedules, provi	ides an accurate			
Trading Title					\		0000	4
and address	Bridge Road,					rolment Number	2338	4
	Haywards Heath, West Sussex, RH16 1UA				Branch N	lo. (If Applicable)	N/A	
Inspected a	nd tested by:							
	even Davis	Position	Grade 1 Test Engir	neer Signature			Date	30/11/2021
	orised for issue by:	Dositio-	Qualifying Company	or Circut	<i>~</i>	lezar	Dota	20/12/2024
- 01	even Cope	Position	Qualifying Supervis	SOr Signature	)ke		Date	20/12/2021
H. Sched	Ule(s) The attached schedule(s	_	his document and this repo	ort is valid only whe	en they are attac	ched to it.		
15	Schedule(s) of inspection ar	nd 15	Schedule(s)	of test results are a	ttached			

I. Supply Char	acteristics	and Ea	arthing A	Arrangem	ents										
Earthing Arrangements	Nu	mber and	d Type of L	ive Conduc	tors		Nature of	Supply	Paramete	ers		Supply	protective	device	
TN-S N/A	a.c.	<b>V</b>			d.c.	N/A	Nominal Voltage	U <sup>(1)</sup>	400	V	BS(EN)				
TN-C-S ✓	1-Phase (2 wire)	N/A	1-Phase (3 wire)	N/A	2 Wire	N/A	Nominal Voltage	U <sub>0</sub> <sup>(1)</sup>	230	٧	LIM				
TNI O NI/A	2-Phase	NI/A			3	NI/A	Nominal frequency	f <sup>(1)</sup>	50	Hz	Туре				
TN-C N/A	(3 wire)	N/A			Wire	N/A	Prospective fault current	lpf <sup>(2)</sup>	12.13	kA	N/A				
TT N/A	3-Phase (3 wire)	N/A	3-Phase (4 wire)	<b>V</b>	Other	N/A	External loop impedance	(0)	0.03	Ω	Nominal current r		LIM	A	
IT N/A	Other N/A						Number of		2		Short cir		NI/A	1.0	
	Confirmation	of supply	polarity		~		supplies (Note: (1) by e by measurement			quiry or	capacity		N/A	kA	
J. Particulars	of Installati	on Ref	ferred to	in the R	eport										
Means of ear	rthing				D	etails of	installation Ea	rth Ele	ectrode (w	here ap	oplicable)				
Distributor's facility	✓	Type (e. tape etc	.g. rod(s),	N/A			Locat	tion	N/A						
Installation	N/A	Resistar	· .	N/A			Ω								
earth electrode		Earth					Meth		nt N/A						
M · D · ·	0 1 1		Tick h	oxes and en	ter detai	le ae an		ureme	III IN// X						
Main Protectiv	e Conducto	ors	TICK D		ter detai	is as ap					_				
Earthing Conductor	Material	Cop	pper		csa	120	mm <sup>2</sup>	Сс	ontinuity Ve	erified	<b>✓</b>		Connection '	Verified	<b>✓</b>
Main protective bonding conductors	Material	Cor	pper		csa	16	mm <sup>2</sup>	Co	ontinuity Ve	erified	<b>✓</b>		Connection '	Verified	✓
Bonding of Incomi									Maximu	m Dema	and (Load)	)			
Water installation pipes	✓ Gas inst	tallation pipes	✓ Str	Steel N/		ightning otection	N/A		N/A		Amps				
Oil installation pipes	N/A			Plea	se State				Protecti	/e meas	sure(s) aga	ainst elec	tric shock		
p.p.s			incoming service(s)	N/A N/A	\			$\neg$	ADS						
Main Switch / S	Switch-Fus		. ,	aker / RC	D										
Location Ma	ain Switchro	om Inta	ıke.					Curre		400	А		if RCD mai	n switch	
								ratino		100		opera	d residual ition current,	N/A	mA
									/Device g or setting	400	A	I∆n Rated	time delay	N/A	ms
Type BS(EN) 60	947-2 MCCI	В		No	of pole	s 3		Volta	•	400	V				
Supply	pper			Supply	120	)	mm <sup>2</sup>	ratino	9				Operating at, I∆n	N/A	ms
Conductors CC material	pppei			Conducto csa	rs 120	,	mm								
K. Observation	ns														
Referring to the atta	ched schedule(	s) of Insp	ection and	Test Results	, and su	bject to	the limitations s	pecified	d at the Ex	ent and	Limitation	s of the	nspection an	d testing s	section.
No remedial action i	s required.	I/A	The follo	wing observa	itions ar	e made	<b>✓</b>								
Item No						Obs	ervations							Cod	de
1 5.0	FINAL CIRC	UITS 5	5.12.2 Fo	r the supp	ly of n	nobile	equipment n	ot exc	ceeding	32 A r	ating fo	use o	utdoors	C	2
(411	1.3.3), Comn	nent: A	bsence c	of RCD pro	otectio	n for A	LL socket o	utlets	rated up	to 32	A which	are lik	ely to		
sup	ply equipme	nt outsi	ide. ( can	iteen DB 3	3L2)										
							cluding sock					nt boxe	S	C	2
	. ,,				-		tor - showing	g sign	s of wat	er ingi	ress.				
	oservations o					,	votions made 1	OV 2 1-	indicat- t	the = -	mon/s\ ==	nonsill	for the in-t- "	otion the	
One of the following degree of urgency f			ias peen al	iiocated to ea	acii of th	e obser\	radons made ab	ove to	iiluicate to	uie per	son(s) res	porisible	ioi liie install	auon the	
C1 - Danger present.	. Risk of injury. Im	ımediate r	remedial act	ion required		0									
C2 - Potentially dang	gerous-urgent re	emedial ac	ction require	ed		5									
C3 - Improvement re	ecommended					7									
FI - Further investiga	otion required wi	thout del	av			0									

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

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

Accordates Accordates   Valuation   State   Improvement   State   Further   State   New Fertilities   No.	Note: this fo	rm is suitable for many types of smaller installations, not exclusively domestic.					
EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)  1.1 Service cable  V No  No  Service made  V No  No  No  Service made  V No	Outcomes		N/V	Limitation	LIM	Not applicable	N/A
1.1   Service cable	Item No	Description		Outo	come		Comments
1.3   Earthing arrangement	1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)					
No   No   No   No   No   No   No   No	1.1	Service cable		٧	/		No
1.4 Meter tails    Metering equipment   Metering equipment   Metering equipment   Metering equipment   Metering equipment   NA No	1.2	Service head		٧			No
No Morring equipment	1.3	Earthing arrangement		v			No
No   No   No   No   No   No   No   No	1.4	Meter tails		٧	/		
PASSENCE OF ADDICATE APRANCEMENTS FOR OTHER SOURCES SUCH AS  MICROSCHEPATORS (1854, 65: 81-7)  AND PRESENCE OF ADDICATE APRANCEMENTS (141-3: Chap \$4)  AND PRESENCE OF ADDICATE APRANCEMENTS (141-3: Chap \$4)  AND PRESENCE OF ADDICATE APRANCEMENTS (141-3: Chap \$4)  Presence and condition of distributor's earthing arrangement (542-1.2.1; 542-1.2.2)  AND	1.5	Metering equipment		٧			
MICROGENERATORS (6516, 651.7)  3.0 EARTHOG SONDING ARRAGEMENTS (4113; Chap S4)  3.1 Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2)  3.2 Presence and condition of earthing conductor as (542.1.2.1; 542.1.2.2)  3.3 Prevalence and condition of earthing conductor size (542.3.5.1.1)  3.4 Confirmation of seathing conductor size (542.3.5.1.1)  3.5 Accessibility and condition of earthing conductor at MET (543.3.2)  3.6 Confirmation of realthing conductor size (542.3.5.1.1)  3.7 Condition and accessibility of main protective bonding conductor size (544.3.2.2)  3.8 Accessibility and condition of other protective bonding conductor size (543.3.2; 544.1.2)  3.9 No  3.0 Confirmation of main protective bonding conductor size (544.3.3.7)  3.0 Accessibility and condition of other protective bonding conductor connections (543.3.2; 544.1.2)  3.0 Condition and accessibility of main protective bonding connections (543.3.7)  3.1 Accessibility and condition of other protective bonding connections (543.3.7)  3.2 Condition and accessibility of main protective bonding connections (543.3.7)  3.3 Accessibility and condition of other protective bonding connections (543.3.7)  4.1 Adequacy of working tapace/successibility to consumer unit/distribution board (132.12; 513.1)  4.2 Security of fixing (134.1.1)  4.3 Condition of enclosure(s) in terms of IP rating etc (410.2)  5.4 Condition of enclosure(s) in terms of IP rating etc (410.2)  5.5 Condition of enclosure(s) in terms of IP rating etc (410.2)  6.5 Presence of main limited switch (as required by 462.7.201)  4.5 Enclosure not damaged/deteriorated so as to impair safety (951.2)  4.7 No  4.8 Manuta constant (as a subtribution board (141.1.2)  4.9 Correct identification of circuit details and protective devices (514.8.1; 514.8.1)  4.0 Presence of an enconstant and (141.1.2)  4.1 Presence of non-stantactif quincles are an enconsumer unitidistribution board (154.1.1.2)  4.1 Presence of of hore transpart enconsument unitidistribution board (154.1.1.5)  4.1 Pr	1.6	· · · ·		N,	/A		
3.1 Presence and condition of distributor's carthing arrangement (542.1.2.1; 542.1.2.2)  √ No Presence and condition of earth electrode connection where applicable (542.1.2.3)  N/A  NO  3.2 Presence on distributoris glabels 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 (643.3.2)  √ No  3.6 Confirmation of main protective bonding connections (543.3.1)  √ No  3.7 Condition and accessibility of main protective bonding connections (543.3.2; 544.1.2)  √ No  3.8 Accessibility and condition of other protective bonding connections (543.3.1;543.3.2)  N/A  No  NOSUMER (NNT(S) / DISTRIBUTION BOARDIS)  4.1 Adequacy of working space/accessibility to onnaumer until distribution board (132.12;513.1)  √ No  Security of fibring (134.1.1)  √ No  4.2 Condition of enclosure(s) in terms of IP rating etc (416.2)  Condition of enclosure(s) in terms of IP rating etc (416.2)  4.3 Condition of enclosure(s) in terms of IP rating etc (416.2)  4.4 Condition of enclosure(s) in terms of IP rating etc (416.2)  4.5 Enclosure not damaged/deteriorated as as to impair safety (651.2)  √ No  4.6 Presence of main limited switch (functional check) (643.10)  4.7 Operation of main switch (functional check) (643.10)  4.9 Correct identification of circuit-breakers and RCDs to prove disconnection (643.10)  4.9 Order time of circuit-breakers and RCDs to prove disconnection (643.10)  4.9 Presence of RCD six-monthly test notice at or near consumer untildistribution board (514.1.2)  7 No  4.10 Presence of alternative supply warning notice at or near consumer untildistribution board (514.1.2)  7 No  8.11 Presence of other required liabelling (please specify) (Section 514)  8.12 Single-pose whiching or protective devices, bases and notice at or near consumer untildistribution board (514.1.2)  8.11 Presence of other required liabelling (please specify) (Section 514)  8.12 Single-power of the fault protection requirements - includes R	2.0			N	/A		No
Presence and condition of earth electrode connection where applicable (s42.1.2.3)  Provision of seathing-bonding labels at all appropriate locations (514.13.1)  Confirmation of earthing conductor size (s42.3.543.1)  Accessibility and condition of earthing conductor at MET (543.3.2)  Confirmation of earthing conductor size (s44.1)  Confirmation of main protective bonding conductor sizes (544.1)  Confirmation of main protective bonding conductor sizes (544.1)  Confirmation of main protective bonding conductor of sizes (543.3.2)  Condition and accessibility and condition of other protective bonding conductor connections (543.3.2.544.1.2)  Accessibility and condition of other protective bonding connections (543.3.1.543.3.2)  N/A  No  CONSUMER UNITS) / DISTRIBUTION BOARD(S)  4.1 Adequacy of working speaked-earthly to consumer unit/distribution board (132.12, 513.1)  4.2 Security of boing (134.1.1)  4.3 Condition of enclosure(s) in terms of If Praining etc (416.2)  Condition of enclosure(s) in terms of If Praining etc (416.2)  Condition of enclosure(s) in terms of If Praining etc (416.2)  Condition of enclosure(s) in terms of If Praining etc (416.2)  Accessibility and condition of enclosure(s) in terms of If Praining etc (416.2)  Accessibility of boing (134.1.1)  Accessibility and condition of enclosure(s) in terms of If Praining etc (416.2)  Accessibility of enclosure(s) in terms of If Praining etc (416.2)  Accessibility of enclosure(s) in terms of If Praining etc (416.2)  Accessibility of enclosure(s) in terms of If Praining etc (416.2)  Accessibility of enclosure(s) in terms of If Praining etc (416.2)  Accessibility of enclosure(s) in terms of If Praining etc (416.2)  Accessibility of enclosure(s) in terms of If Praining etc (416.2)  Accessibility of enclosure(s) in terms of If Praining etc (416.2)  Accessibility of praining work (as required by 4621.201)  LIM No  Accessibility of praining work (as required by 4621.201)  LIM No  Accessibility of praining enclosed of Call (41.1)  Accessibility of praining enclosed	3.0	EARTHING / BONDING ARRANGEMENTS (411.3; Chap 54)					
No Confirmation of earthing-bonding labels at all appropriate locations (514.13.1)  Confirmation of earthing conductor size (94.2 5, 543.1.1)  Accessibility and condition of earthing conductor at MET (64.3.2)  Condition and accessibility of main protective bonding conductor sizes (644.1)  Condition and accessibility of main protective bonding conductor sizes (644.1)  Condition and accessibility of main protective bonding conductor sizes (643.3.2; 544.1.2)  Accessibility and condition of other protective bonding connections (543.3.1;543.3.2)  N/A  No CONSUMER UNIT(§) (1913TIBIUTION BOARD(S)  4.1  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Accessibility and condition of enclosure(s) in terms of IP rating etc (416.2)  Security of froing (134.1.1)  Accondition of enclosure(s) in terms of IP rating etc (416.2)  Condition of enclosure(s) in terms of IP rating etc (421.1.201; 526.5)  Accessibility of enclosure(s) in terms of IP rating etc (421.1.201; 526.5)  Accessibility of enclosure(s) in terms of IP rating etc (421.1.201; 526.5)  Accessibility of enclosure(s) in terms of IP rating etc (421.1.201; 526.5)  Accessibility of enclosure(s) in terms of IP rating etc (461.2)  Accessibility of enclosure(s) in terms of IP rating etc (461.2)  Accessibility of enclosure(s) in terms of IP rating etc (461.2)  Accessibility of enclosure(s) in terms of IP rating etc (461.2)  Accessibility of enclosure(s) in terms of IP rating etc (461.2)  Accessibility of enclosure(s) in terms of IP rating etc (461.2)  Accessibility of enclosure(s) in terms of IP rating etc (461.2)  Accessibility of enclosure(s) in terms of IP rating etc (461.2)  Accessibility of enclosure(s) in terms of IP rating etc (461.2)  Accessibility of enclosure(s) in terms of IP rating etc (461.2)  Accessibility of enclosure(s) in terms of IP rating etc (461.2)  Accessibility of enclosure(s) in terms of IP rating etc (461.2)  Acces	3.1	Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2)		٧	/		No
Accessibility and condition of earthing conductor sizes (542.3, 543.1.1)  Accessibility and condition of earthing conductor at MET (543.3.2)  Confirmation of main protective bonding conductor expect (543.3.2)  Confiden and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)  CONSUMER UNITY(5) DISTRIBUTION BOARD(S)  Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2)  N/A  NO  CONSUMER UNITY(5) DISTRIBUTION BOARD(S)  Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2)  N/A  NO  CONSUMER UNITY(5) DISTRIBUTION BOARD(S)  Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2)  N/A  Au  CONSUMER UNITY(5) DISTRIBUTION BOARD(S)  CONSUMER UNITY(5) DISTRIBUTION BOARD(S)  Accessibility and condition of endosure(consumer unit/distribution board (132.12; 513.1)  Accessibility and condition of condecurace (2.11.2.2)  Condition of endosure(consumer) in terms of fire rating etc (416.2.2)  Condition of endosure(consumer) in terms of fire rating etc (416.2.2)  Accessibility and consumer (condition of endosure(consumer) in terms of fire rating etc (416.2.2)  Accessibility and condition of endosure(consumer) in terms of fire rating etc (416.2.2)  Accessibility and condition of endosure(consumer) in terms of fire rating etc (416.2.2)  Accessibility and consumer (consumer) in terms of fire rating etc (416.2.2)  Accessibility and consumer (consumer) in terms of fire rating etc (416.2.2)  Accessibility and consumer (consumer) in terms of fire rating etc. (421.1.2.2)  Accessibility and consumer (consumer) in terms of fire rating etc. (421.1.2.2)  Accessibility and consumer (consumer) in terms of fire rating etc. (421.1.2.2)  Accessibility and consumer (consumer) in terms of fire rating etc. (421.1.2.2)  Accessibility and consumer (consumer) in terms of fire rating etc. (421.1.2.2)  Accessibility and consumer (consumer) in terms of fire rating etc. (421.1.2.2)  Accessibility and consumer (consumer) in terms	3.2	Presence and condition of earth electrode connection where applicable (542.1.2.3)		N.	/A		No
Accessibility and condition of earthing conductor at MET (543.32)  Accessibility and condition of the protective bonding conductor sizes (544.1)  Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)  Accessibility and condition of other protective bonding conductor connections (543.3.2; 544.1.2)  No  Consumer Nutris) / Distribution Boards  Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2)  N/A  No  Consumer Nutris) / Distribution Boards  4.1 Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  Accessibility and Condition of enclosure(s) in terms of IP retling etc (416.2)  Condition of enclosure(s) in terms of IP retling etc (416.2)  Condition of enclosure(s) in terms of IP retling etc (416.2)  Condition of enclosure(s) in terms of IP retling etc (416.2)  Accessibility and condition of enclosure(s) in terms of IP retling etc (416.2)  Condition of enclosure(s) in terms of IP retling etc (416.2)  Accessibility and condition of enclosure(s) in terms of IP retling etc (416.2)  Accessibility and condition of enclosure(s) in terms of IP retling etc (416.2)  Accessibility and condition of enclosure(s) in terms of IP retling etc (416.2)  Accessibility and condition of enclosure(s) in terms of IP retling etc (416.2)  Accessibility and condition of enclosure(s) in terms of IP retling etc (416.2)  Accessibility and condition of enclosure(s) in terms of IP retling etc (416.2)  Accessibility and condition of enclosure(s) in terms of IP retling etc (416.2)  Accessibility and condition of enclosure(s) in terms of IP retling etc (416.2)  Accessibility and condition of enclosure(s) in terms of IP retling etc (416.2)  Accessibility and condition of enclosure(s) in terms of IP retling etc (416.2)  Accessibility and condition of enclosure(s) in terms of IP retling etc. (416.2)  Accessibility and condition of enclosure(s) in terms of IP retling etc. (416.2)  Accessibility and condition of enclosure(s) in terms of I	3.3	Provision of earthing/bonding labels at all appropriate locations (514.13.1)		٧	/		No
3.6 Confirmation of main protective bonding conductor sizes (544.1) 3.7 Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2) 3.8 Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2) 3.8 Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2) 3.8 Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2) 3.8 Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2) 3.8 Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2) 3.8 Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2) 3.8 Accessibility and condition of other protective bonding connections (543.3.1) 4.2 Condition of enclosure(s) in terms of the rating etc (416.2) 4.3 Condition of enclosure(s) in terms of fire rating etc (421.2.2): 526.5) 4.4 Condition of enclosure(s) in terms of fire rating etc (421.2.2): 526.5) 4.5 Enclosure not damaged/deteriorated so as to impair safety (561.2) 4.6 Presence of main linked switch (lar required by 462.1.201) 4.6 Presence of main linked switch (lar required by 462.1.201) 4.7 Operation of main switch (functional check) (643.10) 4.8 Manual operation of circuit details and protective devices (514.8.1; 514.9.1) 4.9 Correct identification of circuit details and protective devices (614.8.1; 514.9.1) 4.10 Presence of RCD ask-monthly test notice a rone consumer unit/distribution board (514.12.2) 4.11 Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15) 4.12 Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15) 4.13 Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15) 4.14 Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15) 4.15 Single-pole switching or protective devices in line conductor only (132.4.1; 530.3.3) 4.16 Pr	3.4	Confirmation of earthing conductor size (542.3; 543.1.1)		٧	/		No
Accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)  CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)  CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)  Accessibility and condition of other protective bonding connections (543.3.1;543.3.2)  N/A  NO  CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)  V NO  4.1 Adequacy of working space/accessibility to consumer unit/distribution board (132.12;513.1)  / NO  Condition of enclosure(s) in terms of IP rating etc (416.2)  Condition of enclosure(s) in terms of IP rating etc (416.2)  Condition of enclosure(s) in terms of IP rating etc (416.2)  Condition of enclosure(s) in terms of IP rating etc (421.1201;526.5)  4.4 Condition of enclosure(s) in terms of IP rating etc (421.1201;526.5)  4.5 Enclosure not damaged/deteriorated so as to impair safety (651.2)  4.6 Presence of main linked switch (as required by 462.1.201)  LIM NO  4.7 Operation of main switch (functional check) (643.10)  4.8 Manual operation of circuit betaekers and RCDs to prove disconnection (643.10)  4.9 Correct identification of circuit details and protective devices (514.8.1;514.9.1)  4.10 Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  C3 (see section K)  No  4.11 Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.15)  No  4.12 Presence of other required labelling (please specify) (Section 514)  No  4.15 Single-pole switching or protective devices (514.8.1; 514.9.4)  Protection against inechanical damage where cables enter consumer unit/distribution board (514.15)  No  No  At 18 Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)  No  No  At 19 Protection against inechanical damage where cables enter consumer unit/distribution board (514.15)  No  No  No  At 19 Protection against inechanical damage where cables enter consumer unit/distribution board (732.14.1;  No  No  At 22 At 25, 522.8.17)  No  Adequate arrangements where a generating set operates as a switched alterna	3.5	Accessibility and condition of earthing conductor at MET (543.3.2)		٧	/		No
Accessibility and condition of other protective bonding connections (943.31;543.32)  Ale CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12;513.1)  Adequacy of working space/accessibility to consumer unit/distribution board (132.12;513.1)  Accondition of enclosure(s) in terms of IP rating etc (416.2)  Condition of enclosure(s) in terms of IP rating etc (421.1201;526.5)  Condition of enclosure(s) in terms of IP rating etc (421.1201;526.5)  Accessibility and condessure(s) in terms of IP rating etc (421.1201;526.5)  Condition of enclosure(s) in terms of IP rating etc (421.1201;526.5)  Accessibility and condessure(s) in terms of IP rating etc (421.1201;526.5)  Condition of enclosure(s) in terms of IP rating etc (421.1201;526.5)  Accessibility and condessure(s) in terms of IP rating etc (421.1201;526.5)  Condition of enclosure(s) in terms of IP rating etc (421.1201;526.5)  Accessibility and condessure(s) in terms of IP rating etc (416.2)  Condition of enclosure(s) in terms of IP rating etc (421.1201;526.5)  Accessibility and condessure(s) in terms of IP rating etc (416.2)  Condition of enclosure(s) in terms of IP rating etc (421.1201;526.5)  Accessibility of protection of incult because a comparation of IP rating etc (421.1201;526.5)  Accessibility of protection of circuit details and protective devices (541.8.1;541.9.1)  Accessibility of protection of circuit details and protective devices (541.8.1;541.9.1)  Accessibility 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;8etclons 432,433)  Accessibility 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;8etclons 432.433)  Accessibility of protective devices bases and other components: correct type and rating (No signs of unacceptable thermal damage, arcing or overhe	3.6	Confirmation of main protective bonding conductor sizes (544.1)		C2 (see s	ectio	n K)	Yes
CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)  4.1 Adequacy of working space/accessibility to consumer unit/distribution board (132.12;513.1)  4.2 Security of fixing (134.1.1)  4.3 Condition of enclosure(s) in terms of IP rating etc (416.2)  4.4 Condition of enclosure(s) in terms of IP rating etc (421.1201;526.5)  4.5 Enclosure not damaged/deteriorated so as to impair safety (651.2)  4.6 Presence of main linked switch (as required by 462.1.201)  4.7 Operation of main switch (functional check) (6543.10)  4.8 Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)  4.9 Correct identification of circuit-breakers and RCDs to prove disconnection (643.10)  4.10 Presence of RD sk-monthly test notice at or near consumer unit/distribution board (514.12.2)  4.11 Presence of IROD sk-monthly test notice at or near consumer unit/distribution board (514.12.2)  4.12 Presence of IROD sk-monthly test notice at or near consumer unit/distribution board (514.15)  4.13 Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)  4.14 Presence of other required labelling (please specify) (Section 514)  4.15 Single-pole switching or protective devices, bases and other components; correct type and rating (No signs of wardcoptable thermal damage, ariong or overhealing) (411.3.2, 411.4, 411.5; 411.6; Sections 432, 433)  4.15 Single-pole switching or protective devices in line conductor only (321.41.5, 330.3.3)  4.16 S28.8, 528.8, 528.8 st.11  4.17 Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1;  4.28 Confirmation of indication that SPD is functional (651.4)  4.29 Confirmation of indication that SPD is functional (651.4)  4.20 Confirmation of indication that SPD is functional (651.4)  5.20 (251.51)  5.20 Abequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)  5.20 IALL Contribution of conductors (5514.3.1)  5.30 IALL CONTRIBUTION SPONS (5514.3.1)  5.40 IALL CONTRIBUTION SPONS (5	3.7	Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)		٧	/		No
4.1 Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)  4.2 Secunty of fixing (134.1.1)  4.3 Condition of enclosure(s) in terms of IP rating etc (416.2)  4.4 Condition of enclosure(s) in terms of IP rating etc (416.2)  4.5 Enclosure not damaged/deteriorated so as to impair safety (651.2)  4.6 Presence of main linked switch (as required by 462.1.201)  4.7 Operation of main switch (functional check) (643.10)  4.8 Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)  4.9 Correct identification of circuit-breakers and RCDs to prove disconnection (643.10)  4.10 Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  4.10 Presence of non-standard (mixed) cable colour warning notice at or near consumer unit/distribution board (514.14.1)  4.12 Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)  4.13 Presence of other required labelling (please specify) (Section 514)  4.14 Presence of other required labelling (please specify) (Section 514)  4.15 Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)  4.16 Siz.28.1; 522.8.5; 522.8.11)  4.17 Protection against electromagnetic effects where cables enter consumer unit/distribution board (132.14.1; 52.8.1; 522.8.5; 522.8.11)  4.18 RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)  4.19 Protection against electromagnetic effects where cables enter consumer unit/distribution board (132.14.1; 52.15.1)  4.10 RCD(s) provided for additional protection-includes RCBOs (411.4.204; 411.5.2; 531.2)  4.20 Confirmation in indication that SPD is functional (651.4)  8.20 Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)  8.21 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.7)  8.22 Adequate arrangements where a generating s	3.8	Accessibility and condition of other protective bonding connections (543.3.1;543.3.2)		N,	/A		No
4.2 Security of fixing (134.1.1)  4.3 Condition of enclosure(s) in terms of IP rating etc (416.2)  4.4 Condition of enclosure(s) in terms of IP rating etc (416.2)  4.5 Enclosure not damaged/deteriorated so as to impair safety (851.2)  4.6 Presence of main linked switch (as required by 462.1.201)  4.7 Operation of main switch (functional check) (643.10)  4.8 Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)  4.9 Correct identification of circuit-breakers and RCDs to prove disconnection (643.10)  4.10 Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  4.11 Presence of non-standard (mixed) cable colour warning notice at or near consumer unit/distribution board (514.15)  4.12 Presence of other required labelling (please specify) (Section 514)  4.13 Presence of other required labelling (please specify) (Section 514)  4.14 In presence of other required labelling (please specify) (Section 514)  4.15 Single-pole switching or protective devices in line conductor only (132.14.1; 511.6; Sections 432, 433)  4.16 Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)  4.17 (S21.5.1)  4.18 RCD(s) provided for fault protection - includes RCBOs (411.4.20; 411.5.2; 531.2)  4.19 Protection against electromagnetic effects where cables enter consumer unit/distribution board (132.14.1; 51.5.1)  4.19 RCD(s) provided for fault protection-includes RCBOs (411.4.20; 411.5.2; 531.2)  4.19 RCD(s) provided for additional protection/requirements - includes RCBOs (411.3.3.415.1)  4.20 Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)  4.21 Adequate arrangements where a generating set operates as a switched alternative to the public supply  4.22 Adequate arrangements where a generating set operates as a switched alternative to the public supply  5.51 Identification of conductors (514.3.1)  5.52 Cables correctly supported throughout their run (5	4.0	CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)					
4.3 Condition of enclosure(s) in terms of IP rating etc (416.2)  4.4 Condition of enclosure(s) in terms of IP rating etc (416.2)  4.5 Enclosure not damaged/deteriorated so as to impair safety (651.2)  4.6 Presence of main linked switch (as required by 462.1.201)  4.7 Operation of main switch (functional ckey) (643.10)  4.8 Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)  4.9 Correct identification of circuit-breakers and RCDs to prove disconnection (643.10)  4.10 Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  4.11 Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  4.12 Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)  4.13 Presence of other required labelling (please specify) (Section 514)  4.14 Compatibility of protective devices, bases and other components; correct type and rating (No signs of unacceptable thermal damage, arcing or overheading) (411.3.2; 411.4; 411.5; 411.6; Sections 432, 433)  4.15 Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)  4.16 Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)  4.17 Protection against electromagnetic effects where cables enter consumer unit/distribution board (132.14.1; 541.5)  4.18 RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)  4.19 RCD(s) provided for additional protection-includes RCBOs (411.4.204; 411.5.2; 531.2)  4.20 Confirmation of indication that SPD is functional (651.4)  4.21 Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (528.1)  4.22 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.7)  5.0 FINAL CIRCUITS  5.1 Identification of conductors (514.3.1)  5.2 Cables correctly supported throughout their run (521.10.202; 522.8.5)	4.1	Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)		٧	/		No
4.4 Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)  4.5 Enclosure not damaged/deteriorated so as to impair safety (651.2)  4.6 Presence of main linked switch (as required by 462.1.201)  4.7 Operation of main switch (functional check) (643.10)  4.8 Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)  4.9 Correct identification of circuit-breakers and RCDs to prove disconnection (643.10)  4.10 Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  4.11 Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  4.12 Presence of alternative supply warning notice at or near consumer unit/distribution board (514.14)  4.12 Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)  4.14 Presence of other required labelling (please specify) (Section 514)  4.15 Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)  4.16 Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)  4.17 Protection against enhanciance damage where cables enter consumer unit/distribution board (132.14.1; 521.5.1)  4.18 RCD(s) provided for fault protection -includes RCBOs (411.4.204; 411.5; 531.2)  4.19 Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (25.5.1)  4.10 RCD(s) provided for adult protection- includes RCBOs (411.4.204; 411.5; 531.2)  4.19 RCD(s) provided for adult protection- includes RCBOs (411.4.204; 411.5.2; 531.2)  4.20 Confirmation of indication that SPD is functional (651.4)  No Confirmation of indication that SPD is functional (651.4)  No Confirmation of indication that SPD is functional (651.4)  No Confirmation of ondication that SPD is functional (651.4)  No Confirmation of conductors (614.3.1)  Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.7)  No No Collient and according to the p	4.2	Security of fixing (134.1.1)		٧	/		No
A.5 Enclosure not damaged/deteriorated so as to impair safety (651.2)  4.6 Presence of main linked switch (as required by 462.1.201)  4.7 Operation of main switch (functional check) (643.10)  4.8 Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)  4.9 Correct identification of circuit details and protective devices (514.8.1; 514.9.1)  4.10 Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  4.11 Presence of non-standard (mixed) cable colour warning notice at or near consumer unit/distribution board (514.14)  4.12 Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)  4.13 Presence of other required labelling (please specify) (Section 514)  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; 411.6; 411.6; Sactions 432, 433)  4.15 Single-pole switching or protective devices in line conductor only (132.14.1; 530.33)  4.16 Protection against mechanical damage where cables enter consumer unit/distribution board/enclosures (521.5.1)  4.17 Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1)  4.18 RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)  4.20 Confirmation that ALL conductor compenents - includes RCBOs (411.3.3;415.1)  4.21 Confirmation that ALL conductor compenents - includes RCBOs (411.3.3;415.1)  4.22 Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  4.22 Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  5.0 FINAL CIRCUITS  5.1 Identification of conductors (514.3.1)  5.2 Cables correctly supported throughout their run (521.10.202; 522.8.5)	4.3	Condition of enclosure(s) in terms of IP rating etc (416.2)		C2 (see s	ectio	n K)	Yes
Presence of main linked switch (as required by 462.1.201)  LIM No  4.7 Operation of main switch (functional check) (643.10)  LIM No  4.8 Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)  4.9 Correct identification of circuit details and protective devices (514.8.1; 514.9.1)  4.10 Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  4.11 Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  4.12 Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)  4.13 Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)  4.14 Presence of other required labelling (please specify) (Section 514)  4.15 Presence of other required labelling (please specify) (Section 514)  4.16 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)  4.15 Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)  4.16 \$22.8.1; \$22.8.5; \$22.8.1  4.17 Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; \$22.8.1; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.8.5; \$22.	4.4	Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)		٧	/		No
4.7 Operation of main switch (functional check) (643.10)  4.8 Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)  4.9 Correct identification of circuit details and protective devices (514.8.1; 514.9.1)  4.10 Presence of RCD sh-monthly test notice at or near consumer unit/distribution board (514.12.2)  4.11 (514.14)  4.12 Presence of non-standard (mixed) cable colour warning notice at or near consumer unit/distribution board (514.15)  4.12 Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)  4.13 Presence of other required labelling (please specify) (Section 514)  4.14 Compatibility of protective devices, bases and other components; correct type and rating (No signs of unacceptable thermal damage, arcing or overheading) (411.32,411.4; 411.5; 411.6; Sections 432, 433)  4.15 Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)  4.16 \$22.8.1; \$22.8.5; \$2.8.11)  4.17 Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; \$2.8.1; \$22.8.5; \$2.8.1)  4.18 RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)  4.19 RCD(s) provided for fault protection- includes RCBOs (411.4.204; 411.5.2; 531.2)  4.20 Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)  4.21 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.7)  5.0 FINAL CIRCUITS  5.1 Identification of conductors (514.3.1)  5.2 Cables correctly supported throughout their run (521.10.202; 522.8.5)	4.5	Enclosure not damaged/deteriorated so as to impair safety (651.2)		٧		No	
4.8 Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)  4.9 Correct identification of circuit details and protective devices (514.8.1; 514.9.1)  4.10 Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  4.11 Presence of non-standard (mixed) cable colour warning notice at or near consumer unit/distribution board (514.12.2)  4.12 Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)  4.13 Presence of other required labelling (please specify) (Section 514)  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)  4.15 Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)  4.16 Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 528.8; 522.8.11)  4.17 Protection against mechanical damage where cables enter consumer unit/distribution board/enclosures (521.5.1)  4.18 RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)  4.19 RCD(s) provided for fault protection requirements - includes RCBOs (411.3.3;415.1)  4.20 Confirmation of indication that SPD is functional (651.4)  4.21 Confirmation of indication that SPD is functional (651.4)  4.22 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.7)  4.23 Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  5.0 FINAL CIRCUITS  5.1 Identification of conductors (514.3.1)  5.2 Cables correctly supported throughout their run (521.10.202; 522.8.5)	4.6	Presence of main linked switch (as required by 462.1.201)		LI	М		No
4.9 Correct identification of circuit details and protective devices (514.8.1; 514.9.1)  4.10 Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  4.11 Presence of non-standard (mixed) cable colour warning notice at or near consumer unit/distribution board (514.15)  4.12 Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)  4.13 Presence of other required labelling (please specify) (Section 514)  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)  4.15 Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)  4.16 Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.1; 522.8.11)  4.17 (S21.5.1)  4.18 RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)  4.19 RCD(s) provided for additional protection/requirements - includes RCBOs (411.3.3;415.1)  4.20 Confirmation of indication that SPD is functional (651.4)  4.21 Confirmation of indication that SPD is functional (651.4)  4.22 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)  4.23 Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  5.0 FINAL CIRCUITS  5.1 Identification of conductors (514.3.1)  5.2 Cables correctly supported throughout their run (521.10.202; 522.8.5)	4.7	Operation of main switch (functional check) (643.10)		LI	М		No
4.10 Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)  4.11 Presence of non-standard (mixed) cable colour warning notice at or near consumer unit/distribution board (514.14)  4.12 Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)  4.13 Presence of other required labelling (please specify) (Section 514)  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)  4.15 Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)  4.16 Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)  4.17 Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 52.28.1; 522.8.5; 522.8.1)  4.18 RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)  4.19 RCD(s) provided for additional protection/requirements - includes RCBOs (411.3.3;415.1)  4.20 Confirmation of indication that SPD is functional (651.4)  4.21 Confirmation of indication that SPD is functional (651.4)  4.22 (Section 4)  Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)  4.23 Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  5.0 FINAL CIRCUITS  5.1 Identification of conductors (514.3.1)  Cables correctly supported throughout their run (521.10.202; 522.8.5)	4.8	Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)		٧			
A:11 Presence of non-standard (mixed) cable colour warning notice at or near consumer unit/distribution board (514.14)  A:12 Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)  A:13 Presence of other required labelling (please specify) (Section 514)  A: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)  A:15 Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)  A:16 Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1)  A:17 Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1)  A:18 RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)  A:19 RCD(s) provided for additional protection/requirements - includes RCBOs (411.3.3;415.1)  A:20 Confirmation of indication that SPD is functional (651.4)  A:21 Confirmation of indication that SPD is functional (651.4)  A:22 (Songirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)  A:23 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)  A:24 Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  A:35 Identification of conductors (514.3.1)  A:40 Cables correctly supported throughout their run (521.10.202; 522.8.5)	4.9	Correct identification of circuit details and protective devices (514.8.1; 514.9.1)		٧			
4.11 (514.14) 4.12 Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15) 4.13 Presence of other required labelling (please specify) (Section 514) 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; Sections 432, 433) 4.15 Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3) 4.16 Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.1; 522.8.1) 4.17 Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1) 4.18 RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2) 4.19 RCD(s) provided for additional protection/requirements - includes RCBOs (411.3.3;415.1) 4.20 Confirmation of indication that SPD is functional (651.4) 4.21 Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1) 4.22 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6) 4.23 Adequate arrangements where a generating set operates in parallel with the public supply (551.7) 5.0 FINAL CIRCUITS 5.1 Identification of conductors (514.3.1) 5.2 Cables correctly supported throughout their run (521.10.202; 522.8.5)	4.10			C3 (see s	ectio	n K)	
Presence of other required labelling (please specify) (Section 514)  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)  4.15 Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)  4.16 Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.1; 522.8.1)  4.17 Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1)  4.18 RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)  4.19 RCD(s) provided for additional protection/requirements - includes RCBOs (411.3.3;415.1)  4.20 Confirmation of indication that SPD is functional (651.4)  4.21 Confirmation of indication that SPD is functional (651.4)  4.22 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)  4.23 Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  5.0 FINAL CIRCUITS  5.1 Identification of conductors (514.3.1)  Confirmation of conductors (514.3.1)  Cables correctly supported throughout their run (521.10.202; 522.8.5)	4.11	· · ·		٧			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)  4.15 Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)  4.16 Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; ✓ No  4.17 Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 52.28.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1; ✓ No  4.18 RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2) ✓ 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  5.1 Identification of conductors (514.3.1) C2 (see section K) No	4.12	Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)		٧	/		No
4.14 unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432, 433)  4.15 Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)  4.16 Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.1; 522.8.1; 522.8.1)  4.17 Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1)  4.18 RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)  4.19 RCD(s) provided for additional protection/requirements - includes RCBOs (411.3.3;415.1)  4.20 Confirmation of indication that SPD is functional (651.4)  4.21 Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)  4.22 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)  4.23 Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  5.0 FINAL CIRCUITS  5.1 Identification of conductors (514.3.1)  C2 (see section K)  No  No  No  No  No  No  No  No  No  N	4.13	Presence of other required labelling (please specify) (Section 514)		N.	/A		No
Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.5; 522.8.11)  4.17 Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1)  4.18 RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)  4.19 RCD(s) provided for additional protection/requirements - includes RCBOs (411.3.3;415.1)  4.20 Confirmation of indication that SPD is functional (651.4)  4.21 Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)  4.22 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)  4.23 Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  5.0 FINAL CIRCUITS  5.1 Identification of conductors (514.3.1)  C2 (see section K)  No  No  No  No  No  No  No  No  No  N	4.14			,	/		No
4.16 522.8.1; 522.8.5; 522.8.11)  4.17 Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1)  4.18 RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)  4.19 RCD(s) provided for additional protection/requirements - includes RCBOs (411.3.3;415.1)  4.20 Confirmation of indication that SPD is functional (651.4)  4.21 Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)  4.22 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)  4.23 Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  5.0 FINAL CIRCUITS  5.1 Identification of conductors (514.3.1)  C2 (see section K)  No  No  No	4.15	Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)	1	٧	/		No
Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1)  4.18 RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)  4.19 RCD(s) provided for additional protection/requirements - includes RCBOs (411.3.3;415.1)  4.20 Confirmation of indication that SPD is functional (651.4)  4.21 Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)  4.22 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)  4.23 Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  5.0 FINAL CIRCUITS  5.1 Identification of conductors (514.3.1)  C2 (see section K)  No  No  No  No  No  No  No  No  No  N	4.16			,	/		No
4.19 RCD(s) provided for additional protection/requirements - includes RCBOs (411.3.3;415.1)  4.20 Confirmation of indication that SPD is functional (651.4)  4.21 Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)  4.22 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)  4.23 Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  5.0 FINAL CIRCUITS  5.1 Identification of conductors (514.3.1)  C2 (see section K)  Yes  No	4.17	Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures		v	/		No
4.20 Confirmation of indication that SPD is functional (651.4)  4.21 Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)  4.22 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)  4.23 Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  5.0 FINAL CIRCUITS  5.1 Identification of conductors (514.3.1)  C2 (see section K)  Yes  5.2 Cables correctly supported throughout their run (521.10.202; 522.8.5)	4.18	RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)			_		No
4.21 Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)  4.22 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)  4.23 Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  5.0 FINAL CIRCUITS  5.1 Identification of conductors (514.3.1)  C2 (see section K)  Yes  5.2 Cables correctly supported throughout their run (521.10.202; 522.8.5)	4.19	RCD(s) provided for additional protection/requirements - includes RCBOs (411.3.3;415.1)			/		
terminals and are tight and secure (526.1)  Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)  Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  No  FINAL CIRCUITS  1. Identification of conductors (514.3.1)  C2 (see section K)  Yes  Cables correctly supported throughout their run (521.10.202; 522.8.5)	4.20	Confirmation of indication that SPD is functional (651.4)		N	/A		No
4.22 (551.6)  4.23 Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  5.0 FINAL CIRCUITS  5.1 Identification of conductors (514.3.1)  C2 (see section K)  Yes  5.2 Cables correctly supported throughout their run (521.10.202; 522.8.5)  No	4.21			٧	/		
5.0 FINAL CIRCUITS  5.1 Identification of conductors (514.3.1)  C2 (see section K)  Yes  5.2 Cables correctly supported throughout their run (521.10.202; 522.8.5)  No	4.22			v	/		
5.1 Identification of conductors (514.3.1)  C2 (see section K)  Yes  5.2 Cables correctly supported throughout their run (521.10.202; 522.8.5)  No	4.23	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)		٧	/		No
5.1 Identification of conductors (514.5.1)  5.2 Cables correctly supported throughout their run (521.10.202; 522.8.5)  No	5.0	FINAL CIRCUITS					
S.2 Subject controlly supported unoughout their full (52.1.10.252, 522.5.5)	5.1	Identification of conductors (514.3.1)		C2 (see s	ectio	n K)	
5.3 Condition of insulation of live parts (416.1)	5.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)		٧	/		
	5.3	Condition of insulation of live parts (416.1)		V	/		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 C1 or C2	Improvement recommended	State C3	Further investigation	FI	Not verified	N/V	Limitation	LIM	Not applicable	N/A
Item No					Description						Outo	come		Comments
5.0	FINAL CIRC	UITS (Co	ontinued)											
5.4	Non-sheathe	d cables	protected by en	closure in c	onduit, ducting o	r trunking	(521.10.1)				~	/		No
5.4.1	To include the	e integrit	y of conduit and	trunking sy	stems (metallic a	nd plasti	c)				C3 (see s	ectio	n K)	Yes
5.5	Adequacy of 523)	cables fo	or current-carryir	ng capacity	with regard for th	e type ar	d nature of ins	tallation (	Section		· · ·	/	,	No
5.6		between	conductors and	l overload p	rotective devices	(433.1;	533.2.1)				•	/		No
5.7	Adequacy of	protectiv	e devices: type	and rated c	urrent for fault pro	otection (	411.3)				· ·	/		No
5.8	Presence and	d adequa	acy of circuit prof	ective cond	luctors (411.3.1;	Section 5	43)				·	/		No
5.9		•	· ·		ure of the installa	ices (Sec	tion 522)			/		No		
5.10	Concealed ca	ables ins	talled in prescrib	ed zones (s	see Section D. Ex	2.6.202)	· · ·			M		No		
5.11			der floors, above t and limitations		in walls/partitions	against d	amage		LI			No		
5.12	Provision of a	dditiona	I requirements for	or protection	n by RCD not exc	eeding 3	0 mA:							
5.12.1	For all socket	-outlets	of rating 32 A or	less, unles	s an exception is	permitte	d (411.3.3)				C3 (see s	ectio	n K)	Yes
5.12.2	For the suppl	y of mob	ile equipment no	ot exceedin	g 32 A rating for	use outdo	ors (411.3.3)				C2 (see s	ectio	n K)	Yes
5.12.3	For cables co	ncealed	in walls at a dep	oth of less th	nan 50 mm (522.	6.202; 52	2.6.203)				C3 (see s	ectio	n K)	Yes
5.12.4	For cables co	ncealed	in walls/partition	s containin	g metal parts reg	ardless c	of depth (522.6.	203)			C3 (see s	ectio	n K)	Yes
5.12.5	Final circuits	supplyin	g luminaires with	nin domestio	(household) pre	mises (4	11.3.4)				N/	/A		No
5.13	Provision of f	ire barrie	ers, sealing arrar	igements ai	nd protection aga	inst ther	nal effects (Se	ction 527	)		LI		No	
5.14	Band II cable	s segreg	ated/separated	from Band I	cables (528.1)						~	/		No
5.15	Cables segre	gated/se	parated from co	mmunicatio	ns cabling (528.2	2)					·	/		No
5.16	Cables segre	gated/se	parated from no	n-electrical	services (528.3)						·		No	
5.17	Termination of	of cables	at enclosures -	indicate ext	ent of sampling i	n Section	D of the report	(Section	526)					
5.17.1	Connections	soundly	made and under	no undue :	strain (526.6)						v	/		No
5.17.2	No basic insu	lation of	a conductor visi	ble outside	enclosure (526.8	3)					v	/		No
5.17.3	Connections	of live co	onductors adequ	ately enclos	sed (526.5)						v	/		No
5.17.4	Adequately c	onnected	d at point of entr	y to enclosu	ıre (glands, bush	es etc.) (	522.8.5)				<b>v</b>	/		No
5.18	Condition of a	accessor	ies including so	ket-outlets,	switches and joi	nt boxes	(651.2(v))				C2 (see s	ectio	n K)	Yes
5.19	Suitability of a	accessor	ies for external i	nfluences (	512.2)							/		No
5.20	Adequacy of	working	space/accessibi	lity to equip	ment (132.12; 51	3.1)					٧			No
5.21	Single-pole s	witching	or protective de	vices in line	conductors only	(132.14.	1;530.3.3)				v	/		No
6.0	LOCATION(S	S) CONT	AINING A BATI	H OR SHO	WER									
6.1	Additional pro	tection f	or all low voltage	e (LV) circu	its by RCD not ex	ceeding	30 mA (701.41	1.3.3)			C3 (see s	ectio	n K)	Yes
6.2	Where used a	as a prot	ective measure,	requiremer	nts for SELV or P	ELV met	(701.414.4.5)				v	/		No
6.3	Shaver socke	ets comp	ly with BS EN 6	1558-2-5 for	merly BS 3535 (	701.512.	3)				٧			No
6.4	Presence of s	suppleme	entary bonding o	onductors,	unless not requir	ed by BS	7671:2018 (70	1.415.2)			٧	/		No
6.5	Low voltage (	e.g. 230	volt) socket-out	lets sited at	least 3 m from z	one 1 (70	1.512.3)				٧	/		No
6.6	Suitability of	equipme	nt for external in	fluences for	installed location	n in terms	of IP rating (7	01.512.2	)		٧	/		No
6.7	Suitability of a	accessor	ies and controlg	ear etc. for	a particular zone	(701.51	2.3)				٧			No
6.8	Suitability of	current-u	sing equipment	for particula	ar position within	the locati	on (701.55)				٧			No
7.0	OTHER PAR	T 7 SPE	CIAL INSTALL	ATIONS OF	LOCATIONS									
7.1	List all other s inspections a		nstallations or lo	cations pres	ent, if any. (Reco	ord separ	ately the result	of partic	cular Nu loc	mber of cations	4 (see co	ontinua	ation sheet)	Yes

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

Boar	d Deta																			
Т	O BE CO	MPLETE	D IN EVERY CAS	Ε	(	ONLY TO	O BE CO	MPLETE	D IF THI	E DISTR	RIBUTION BOARD OF THE INSTAI			IECTED	DIRECTI	LY TO T	HE ORIO	SIN		
Locat	ion of	Main [	DB			upply to		V/A				-1		Asso	ociated R0	CD (if an	y)			
Distril Board	oution	Switch	nroom		b	istributio	rom:			Nai	11/2/4		BS(EN	)	N/A					
						o of pha		N/A			al Voltage N/A	V	RCD N Poles	o of	N/A					
Distril	l	DB Ma	ain			ype BS(		V/A	ce for the	e distribu	Rating N/A	Α	RCD R	ating	N/A		n	nA		
	nation	:1-				,	′ [	4/7 (			3 14/71				14/7					
	uit Deta	IIIS		Т	70	po	hev	0:	.,	7. 6		Over	current p				RCD	ω)		
Circuit number and phase		Circuit	designation		Type of wiring	Reference method	of points served	conduct	cuit ors csa cpc	Max permitted disconnection times (s)	BS(EN)		AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (⊠n)	Maximum permitted Zs (᠒)		
1/TP	Sub Mains	(DR 7 Fish	eries shed,DB6)		F	D Re	2021	mm <sup>2</sup>	mm <sup>2</sup>	5	60947-2 MCC	`B			70	ර් ප් 25	O IDO	0.23		
2/TP			/ Cupboard)	-	F.		2021	35	84	5	60947-2 MCC				100	25	N/A	0.23		
3/TP	Not Covere	-			١	١	\	١	١	١	\				\	\	\	\		
4/TP	Not Covere	ed By This	Report	+	١	\	١	\	\	١	\				١	\	\	١		
5/TP	Not Covere	ed By This	Report	+	١	\	\	١	\	١	\				\	\	\	\		
6/TP	Sub Mains	(DB 4 )			F	С	2021	25	16	5	60947-2 MCC	В			100	25	N/A	0.23		
7/TP	SPARE			+	-	-	-	-	-	-	-		-	-	-	-	-	-		
8/TP	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-		
9/TP	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-		
10/TP	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-		
11/TP	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-		
12/TP	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-		
13/TP	SPARE				-	-	-	-	-	-	-	-		-	-	-	-	-		
14/TP	SPARE			<u> </u>			-	-	-	-	-	-	-		-	-	-	-	-	-
15/TP	SPARE				-	-	-	-	-	-	-		-	-	-	-		-		
16/L1	Sub Mains	(DB 2A)			F	С	2021	6	36	5	60947-2 MCC	В			30	25	N/A	0.73		
	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-		
	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-		
		(DB 3B Se	erver,DB 3A (UPS))		F	С	2021	25	76	5	60947-2 MCC	CB			63	25	N/A	0.44		
	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-		
	SPARE	(DD 4A)			-	-	-	-	-	-	-	ND.	-	-	-	-	-	-		
18/TP	Sub Mains	(DB TA)			F	D	2021	25	76	5	60947-2 MCC	,В			100	25	N/A	0.23		
Wirir	ng Cod	е									1							_		
	<u> </u>	4	В		С		D		E		F		G		Н		0			
		/PVC oles	PVC cables in metallic conduit	nor	/Ccables in n-metall conduit		PVC cable in metallic trunking		PVC cabl in non-meta trunkin	allic	PVC/SWA cables		E/SWA ables		l insulated ables	0	ther			

Board Tests		
TO BE COMPLETED IN EVERY CASE	TEST INSTRUMENTS (SERIAL NUMBERS) USED	
Correct supply polarity confirmed ✓ Phase sequence confirmed (where appropriate)	Earth fault	
Supplementary Conductors ✓	loop   101291679   RCD   101291679	
ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	Insulation resistance 101291679 Multi-function N/A	٦
Zs N/A $\Omega$ lpf N/A kA Operating times of associated RCD (if any) At 1 $\Delta$ n N/A ms	Continuity 101291679 Other N/A	5

Details of circuits and/or equipment vulnerable to damage

N/A

Circuit	Tests															
		Circ	cuit Impedar Ω	nces			Insu	lation resis	tance				RC	D	ton	- E
Circuit number and phase	(me	g final circuits easure end to r <sub>n</sub> (Neutral)	s only end)	(At lea	rcuits ast one umn mpleted) (R <sub>2</sub> )	Test Voltage	Live/ Live MΩ	Live/ Neutral MΩ	Live/ Earth MΩ	Earth/ Neutral MΩ	Polarity (v)	Maximum measured earth fault loop impedance	Disconnection time	Test button operation	AFDD Test button operation	Remarks see continuation sheet
1/TP	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.15	N/A	N/A		NO
2/TP	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	<b>v</b>	0.03	N/A	N/A		NO
3/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
4/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
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	500	N/A	N/A	299	N/A	1	0.10	N/A	N/A		NO
7/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.09	N/A	N/A		NO
16/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.10	N/A	N/A		NO
17/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18/TP	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.10	N/A	N/A		NO
											<b>*</b>					
									1		1					1

Ι	este	ed	В	٧

Signature

L

Position

Grade 1 Test Engineer

Name Steven Davis

Date of testing

30/11/2021

Boar	d Details														
Т	O BE COMPLE	TED IN EVERY CASE		ONLY	TO BE CO	OMPLET	ED IF TH	E DISTF	RIBUTION BOARD OF THE INSTAI		NECTED	DIRECTI	Y TO T	HE ORIG	iN
Locati Distrib Board	oution cupl	electric poard adj to chroom.		Supply distribu board is No of p	tion s from:	SubMa	ains(DB		2/TP)	BS(EN V RCD N	)	N/A	CD (if an	y)	
Distrib board design	DB	New Cupboard		Overcu Type B			vice for th		Rating 100	Poles A RCD R	ating	N/A		m	ıA
_															
	ıit Details			T g	po					Overcurrent p	rotective			RCD	
Circuit number and phase	Circu	it designation	Type of wiring	Reference method	No of points served	_	circuit ctors csa	Max permitted disconnection times (s)	BS(EN)	AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (△n)	Maximum permitted Zs $(\Omega)$
1/L1	CCTV supply swit	chroom ceiling - As Marke	d A	C	Ž	2.5	1.5	0.4	60898 MCB		В	16	<u>ග ස</u> 10	N/A	2.73
1/L2	FCU female WC h	andrier	A	E	2021	2.5	1.5	0.4	60898 MCB		В	16	10	N/A	2.73
1/L3	2 No fans Switchro	oom - As Marked	A	В		1	1	0.4	60898 MCB	•	В	6	10	N/A	7.28
2/L1	Sockets room 36	st floor	А	В	2021	2x2.5	2x1.5	0.4	61009 RCD/RC	ВО	С	32	10	30	0.68
2/L2	FCU Male WC ha	ndrier	А	Е	2021	2.5	1.5	0.4	60898 MCB		В	16	10	N/A	2.73
2/L3	AC Unit room 36 F	RHS - As Marked	А	С		6	2.5	0.4	60898 MCB		В	32	10	N/A	1.37
3/L1	Sockets room 36	st flr	A	В	2021	2x2.5	2x1.5	0.4	61009 RCD/RC	СВО	С	32	10	30	0.68
3/L2	FCU filling room -	om - As Marked		В		2.5	1.5	0.4	60898 MCB		В	16	10	N/A	2.73
3/L3	AC Unit room 36 L	HS - As Marked	A	E		6	2.5	0.4	60898 MCB		В	32	10	N/A	1.37
	Sockets room 36		A	В	2021	2x2.5		0.4	61009 RCD/RC		С	32	10	30	0.68
	Lights Room 9, 13		A O	В		2.5	1.5	0.4	60898 MCB		В	6	10	N/A	7.28
		Room A/C 2 - As Marked		E		1.5	1.5	0.4	60898 MCB		С	20	10	N/A	1.09
	Sockets room 36	room 36 1st floor		В	2021	2x2.5		0.4	61009 RCD/RC		С	32	10	30	0.68
	SPARE  Comms Room A/0	1 As Marked	0	- E	-	1.5	1.5	0.4	60898 MCB	-	- C	20	10	- N/A	1.09
	Ladies reception -		A	E		1.5	1.5	0.4	60898 MCB		В	6	10	N/A	7.28
	SPARE	AS Marked	-	<del>  -</del>	<u> </u>	-	<u> </u>	-	-	_	-	-	-	-	-
	Switch room fan s	ocket	A	В	2021	2.5	1.5	0.4	60898 MCB		В	16	10	N/A	2.73
	A/C Unit EXT		A	В	+-	4	2.5	0.4	60898 MCB		В	32	10	N/A	1.37
7/L2	SPARE		-	-	-	-	-	-	-	-	-	-	-	-	-
7/L3	SPARE		-	-	-	-	-	-	-	-	-	-	-	-	-
8/TP	SPARE		-	-	-	-	-	-	-	-	-	-	-	-	-
9/TP	Sub Mains(PV DB	)	D	В	-	25	25	0.4	N/A		N/A	N/A	N/A	N/A	N/A
10/L1	Lights Room 36 n	orth	A	E	2021	1.5	1	0.4	60898 MCB		С	10	10	N/A	2.19
Wirin	ıg Code														
	Α	В	С		D		E		F	G		Н		0	
	PVC/PVC cables	PVC cables in metallic conduit	PVC cabl in non-meta condui	allic	PVC cabl in metallio trunkin	c	PVC cab in non-met trunkir	allic	PVC/SWA cables	XLPE/SWA cables	Minera	linsulated ables		other	-

Board Tests	
TO BE COMPLETED IN EVERY CASE	TEST INSTRUMENTS (SERIAL NUMBERS) USED
Correct supply polarity confirmed ✓ Phase sequence confirmed (where appropriate)	Earth fault
Supplementary Conductors ✓	loop   2170068   RCD   2170068
ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION	Insulation resistance 2170068 Multi-function N/A
Zs $0.03$ $\Omega$ Ipf $9.34$ kA Operating times of associated RCD (if any) At $1\Delta$ n N/A ms	Continuity 2170068 Other N/A
Details of circuits and/or equipment vulnerable to damage	
N/A	

N/A

Circuit	resis															
		Circ	uit Impedar Ω				Insu	lation resis	tance			Maximum	RC	D	ton	uo
Circuit number and phase	(me	g final circuits easure end to r <sub>n</sub> (Neutral)		(At lea	rcuits ast one umn mpleted) (R <sub>2</sub> )	Test Voltage	Live/ Live MΩ	Live/ Neutral MΩ	Live/ Earth MΩ	Earth/ Neutral MΩ	Polarity (v)	Maximum measured earth fault loop impedance	Disconnection sime time	Test button operation	AFDD Test button operation	Remarks see continuation sheet
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		0.87	N/A	N/A		NO
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
														10// (		
2/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	<b>\</b>	0.45	32/30	1		NO
2/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	<b>√</b>	0.54	N/A	N/A		NO
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	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	<b>*</b>	0.42	33/30	1		NO
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
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/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	<b>√</b>	0.34	32/31	1		NO
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
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/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	<b>√</b>	0.46	31/29	1		NO
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	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	<b>√</b>	0.32	N/A	N/A		NO
7/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
7/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7/L3	-	-	ī	-	-	-	-	-	-	-	-	-	-	-	-	-
8/TP	-	-	ı	-	-	-	-	-	-	-	ı	-	-	-	-	-
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/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	<b>√</b>	0.85	N/A	N/A		NO

-	es	4 -	-1	_	
		ГΩ	а	-13	w

Signature	ln_	Position	Test Engineer
Name	Richard Johns	Date of testing	30/11/2021

Boar	rd Detai	ils									_					
Т	O BE CO	MPLETE	ED IN EVERY CASE		ONLY TO	D BE CC	MPLETE	D IF THI	E DISTR	IBUTION BOARD I OF THE INSTALL		NECTED	DIRECT	LY TO T	HE ORIC	3IN
	tion of bution	New e cupboa Switch	ard adj to	l d	Supply to distributio board is fi No of pha	on from:	SubMai 3			2/TP)	BS(EN)	)	N/A	CD (if an	y)	
board	bution d nation	DB 1 l	New Cupboard		Overcurre		ctive devi			rition circuit  Rating 100 A	Poles		N/A		n	mA
	uit Deta	aile														
	III Dola	IIIO		D	pod	, ved	Cir	rcuit	ם כ	(	Overcurrent po				RCD	(Ω)
Circuit number and phase		Circuit	designation	Type of wiring	Reference method	No of points served		cpc mm <sup>2</sup>	Max permitted disconnection times (s)	BS(EN)	AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (Mn)	Maximum permitted Zs (Ω)
10/L2	Lights Roor	m 23 25 &	corr.	A	E	2021	1.5	1	0.4	60898 MCB		В	6	10	N/A	7.28
10/L3	Lights Corri	idor - As M	flarked	А	В		1.5	1	0.4	60898 MCB		В	6	10	N/A	7.28
11/L1	Lights Roor	m 10, 14 -	As Marked	А	В	Γ	1.5	1	0.4	60898 MCB		В	6	10	N/A	7.28
11/L2	Lights Roor	m 20 - As I	Marked	А	В		1.5	1	0.4	60898 MCB		В	6	10	N/A	7.28
11/L3	Lights Roor	m 17, corr,	,	А	E	2021	1.5	1	0.4	60898 MCB		В	6	10	N/A	7.28
12/L1	Lights Roo				E		1.5	1	0.4	60898 MCB		В	6	10	N/A	7.28
12/L2	Lights fillinç	ts filling Room			В	2021	1.5	1	0.4	60898 MCB		В	6	10	N/A	7.28
12/L3	Lights Roo	hts filling Room  hts Room 20 - As Marked			В		1.5	1	0.4	60898 MCB		В	6	10	N/A	7.28
13/L1	Switch roor	nts Room 20 - As Marked tch room corridor lights - As Marked			E		1.5	1	0.4	60898 MCB		В	6	10	N/A	7.28
13/L2	Lights Roor	m 36 south	n	А	В	2021	1.5	1	0.4	60898 MCB		В	6	10	N/A	7.28
13/L3	Lights Roor	m 37 - As	Marked	A	В		1.5	1	0.4	60898 MCB		С	10	10	N/A	2.19
14/L1	Lights Roo	m 26, 27 -	As Marked	A	В		1.5	1	0.4	60898 MCB		В	6	10	N/A	7.28
14/L2	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-
14/L3	Lights Roor	m 36 - As	 Marked	A	E		1.5	1	0.4	60898 MCB		В	6	10	N/A	7.28
15/L1	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-
15/L2	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-
15/L3	Lights Corri	idor - As N		A	В		1	1	0.4	60898 MCB		В	6	10	N/A	7.28
16/TP	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-
17/TP	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-
18/TP	Sub Mains(	(DB 2 New	v Cupboard)	A	С		35	25	N/A	N/A		N/A	N/A	N/A	N/A	N/A
	<b></b>				<del> </del>	-		<u> </u>	<del> </del> '							<b>  </b>
	<del></del>				<del> </del>	<del></del>	<u> </u> '	<u> </u>	<u> </u> '							<b>—</b>
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		n Code					<u> </u>	<u> </u>	<u> </u>							
Wirir		g Code														
	<u></u>	A B		С		D		Е		F	G	<u> </u>	Н	<u> </u>	0	
		/PVC bles	PVC cables in metallic conduit	PVC cable in non-metal conduit	allic	PVC cable in metallic trunking		PVC cabl in non-meta trunkin	allic	PVC/SWA cables	XLPE/SWA cables		linsulated ables	0	ther	
			<u> </u>													

			_														
Board 7	ests							1									
		TO BE Co	_	O IN EVERY	CASE				TE	ST INSTRU	JMENT	S (SERIA	AL NUI	MBERS)	) USED		
		arity confirme			equence co ppropriate)		N/A	Earth fau		70068		R	.CD	2170	ากคล		
	O BE CON	//PLETED IF	THE DISTR				ECTED	impedan	ce				lulti-		,000		
Zs 0.0		ECTLY TO T	_		STALLATIO	ON		resistano		70068			inction	N/A			
		associated R			I/A m	ns		Continuit	у 21	70068		0	ther	N/A			
Details	of circu	uits and/o	r equipm	ıent vuln	erable to	o dama	ge										
N/A																	
Circuit 7	Tests																
		Circ	cuit Impedar Ω	nces			Insu	lation resis	tance					RC	D	E	_
Circuit number and		g final circuits	s only	All cir (At lea colu	ist one umn	Test	Live/	Live/	Live/	Earth/	Polarity (v)	Maximu measur earth fa loop	um - red nult	Disconnection (sm time	Test button operation	AFDD Test button operation	Remarks see continuation sheet
phase	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	mpleted) (R <sub>2</sub> )	Voltage	Live MΩ	Neutral MΩ	Earth MΩ	Neutral MΩ	_ <sub>Я</sub>	impedar Ω	nce	Discon	Test k	AFDD	see o		
10/L2	N/A	N/A	r <sub>2</sub> (cpc)	(R <sub>1</sub> + R <sub>2</sub> )	N/A	500	N/A	N/A	299	N/A	1	0.74		N/A	N/A		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		N/A	N/A		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		N/A	N/A		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	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	1.24		N/A	N/A		NO
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	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.46		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	N/A	N/A	N/A	N/A	N/A		N/A		N/A	N/A		NO
13/L2	N/A	N/A	N/A	N/A	N/A	250	N/A	N/A	299	N/A	✓	0.88		N/A	N/A		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		N/A	N/A		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		N/A	N/A		NO
14/L2	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
14/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	ļ	NO
15/L1	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
15/L2	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
15/L3 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/TP	-	-	-	-	-	-		-	-	-	-	-			-	-	-
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
Tested	By																
Signa				en-				Position	1	Test En	ginee	r					
Name		Dicho	rd Johns					Date of		30/11/2							41
Ivaiile	•	Richa	ru Jonns					testing		3U/ I I/2	∪∠ I						

ЗСП	EDULE OF	- CIRCUIT DE	I AILS F	JK IF	IE INS	TALLA	MON			•	0034	·O - IVIč	astei			
Boai	rd Details															
7	TO BE COMPLI	ETED IN EVERY CA	SE	ONLY	го ве сс	MPLETE	D IF TH	E DISTR	IBUTION BOARI OF THE INSTA			NECTED	DIRECTL	Y TO T	HE ORIG	SIN
	bution cup	v electric board adj to tchroom.		Supply t distributi board is No of ph	ion from:	SubMa 3	ins(DB		Cupboard, Voltage 400	V	BS(EN)	)	N/A	CD (if ar	ny)	
board	bution I nation	2 New Cupboar	d	Overcur Type BS		ctive dev		e distribu	Rating N/A	_	Poles RCD R	ating	N/A			пA
_	uit Details															
Circuit number and phase		wit decignation	wiring	e method	its served	_	cuit tors csa	rmitted nection s (s)			rrent pi device	rotective	₹	kA)	RCD	Maximum permitted Zs (᠒)
Circuit r and p	Circ	uit designation	Type of wiring	Reference method	No of points served	Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max permitted disconnection times (s)	BS(EN)	A	AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (∆n)	Maximu
1/L1	Sockets room 4,	26, 27	A	В	2021	2x2.5	2x1.5	0.4	60898 MCE	3		В	32	10	N/A	1.37
1/L2	Sockets room 20	/ Fan FCU	А	В	2021	2x4	2x1.5	0.4	60898 MCE	3		В	32	10	N/A	1.37
1/L3	Sockets room 6 (	Corridor	А	В	2021	2x4	2x1.5	0.4	60898 MCE	3		В	32	10	N/A	1.37
2/L1	Sockets Corridor	, room 26	А	В	2021	2.5	1.5	0.4	61009 RCD/R0	СВО		С	16	10	30	1.37
2/L2	Ect room o/s soc	kets	А	В	2021	2x4	2x1.5	0.4	61009 RCD/R0	СВО		С	32	10	30	0.68
2/L3	SPARE		-	-	-	-	-	-	-		-	-	-	-	-	-
3/L1	Skts room 34		А	В	2021	2.5	1.5	0.4	61009 RCD/R0	СВО		С	16	10	30	1.37
3/L2	Skts room 9, 10			В	2021	2x4	2x1.5	0.4	61009 RCD/R0	СВО		С	32	10	30	0.68
3/L3	Skts room 23, 25	, post room reception	A	В	2021	2x4	2x1.5	0.4	60898 MCE	3		В	32	10	N/A	1.37
4/L1	SPARE		-	-	-	-	-	-	-		-	-	-	-	-	-
4/L2	Skts room 29 soo	ket rear UPS.	A	В	2021	2.5	1.5	0.4	60898 MCE	3		С	16	10	N/A	1.37
4/L3	SPARE		-	-	-	-	-	-	-		-	-	-	-	-	-
5/TP	SPARE		-	-	-	-	-	-	-		-	-	-	-	-	-
6/TP	SPARE		-	-	-	-	-	-	-		-	-	-	-	-	-
7/TP	SPARE		-	-	-	-	-	-	-		-	-	-	-	-	-
8/TP	SPARE		-	-	-	-	-	-	-		-	-	-	-	-	-
9/TP	SPARE		-	-	-	-	-	-	-		-	-	-	-	-	-
10/L1	Sockets Room 2	3	A	В	2021	2.5	1.5	0.4	61009 RCD/R0	СВО		С	16	10	30	1.37
10/L2	Switchroom sock	ets	A	В	2021	2x2.5	2x1.5	0.4	60898 MCE	3		В	32	10	N/A	1.37
10/L3	SPARE		-	-	-	-	-	-	-		-	-	-	-	-	-
11/L1	Sockets Room 3	1	A	В	2021	2.5	1.5	0.4	61009 RCD/R0	СВО		С	16	10	30	1.37
	Sockets Room 2		A	В	2021	2x4	2x1.5	0.4	61009 RCD/R0			С	32	10	30	0.68
				-	-	-	_	_	-		-	-	-		-	-
	SPARE		-	-	-	-	-	-	-		-	-	-	-	-	-
Wiri	ng Code															
VVIIII				ı		I		T	-				Ш	ı	_	7
	A	В	С	-	D		Е		F	G	1	-	Н		0	-
	PVC/PVC cables	PVC cables in metallic	PVC cabl in non-meta		PVC cable in metallic		PVC cab in non-met		PVC/SWA cables	XLPE/S cable			insulated ables	C	Other	

conduit

conduit

trunking

in non-metallic trunking

×		// h	MACTAL
O	v.	346 - 1	Master

<u> </u>				10101										0101			
Board T	ests																
		TO BE CO	OMPLETED	D IN EVERY	CASE				TE	ST INSTRU	JMENT	S (SERI	AL NU	JMBERS'	) USED		
		arity confirmed			equence co appropriate)		N/A	Earth fau	ult								
	O BE COM	Ary Conductor	THE DISTR				ECTED	loop impedand Insulation	ce	70068			RCD Multi-	2170	)068		
0.0		RECTLY TO T			STALLATIO	ON		resistanc		70068			functior	n N/A			
Zs 0.0		2 lpf 9.8 stated R			J/A n	ns		Continuit	у 21	70068			Other	N/A			
		uits and/or				o dama	ge										
N/A																	
Circuit 7	Гests																
		Circ	cuit Impedar Ω	nces			Insu	ulation resis	tance					RCI	D	ton	E E
Circuit number and phase		ng final circuits easure end to				Test Voltage	Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	Polarity (v)	Maxim measu earth foot	ured fault p	Disconnection  By time	Test button operation	AFDD Test button operation	Remarks see continuation sheet
	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(R <sub>1 +</sub> R <sub>2)</sub>	(R <sub>2</sub> )		ΜΩ	ΜΩ	ΜΩ	ΜΩ		Ω		io (ms)	Tes	AF	os O
1/L1	N/A	N/A	N/A	N/A	N/A	400	N/A	N/A	299	N/A	1	0.66	3	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	0.76	3	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	0.58	3	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	0.77	7	39/29	✓		NO
2/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	8.34	1	39/29	✓		NO
2/L3	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
3/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.56	3	29/29	✓		NO
3/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.82	2	29/29	✓		NO
3/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.77	7	N/A	N/A		NO
4/L1	-	-	-	-	-	-	-	- 1	-	-	-	-		-	-	-	-
4/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.58	3	N/A	N/A		NO
4/L3	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
5/TP	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
6/TP	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
7/TP	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
8/TP	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
9/TP	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
10/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.59	9	29/29	<b>√</b>		NO
10/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.48	3	N/A	N/A		NO
10/L3	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
11/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.55	5	29/29	✓		NO
11/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.72	2	39/29	✓		NO
11/L3	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
12/L1	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
Tested	Ву																
Signat	ture			en-	=			Position		Test En	ginee	r					
Name	,	Richa	ard Johns	;				Date of testing		30/11/2	021						

Boar	d Detail	s																
Т	O BE COM	MPLETE	ED IN EVERY CASE	Ī	(	ONLY T	O BE CO	MPLETE	D IF THI	E DISTR	IBUTION BOARD OF THE INSTAL			IECTED	DIRECT	LY TO T	HE ORIO	SIN
Locat Distrik Board Distrik	oution (	cupbo Switch	electric ard adj to nroom. New Cupboard		di be N	upply to istribution oard is followed by the second	n srom:	3		Nomina	Cupboard,  Voltage 400	V	BS(EN)	)	N/A	CD (if an	у)	
board desig		<i>.</i>	ton Gapsoara		Т	ype BS(	EN)	N/A N/A	4		Rating N/A	Α	RCD R	ating	N/A		n	nΑ
Circu	uit Detai	ls																
	are Boton			T	D D	poq	rved	Cir	cuit	D =		Overd	current pr				RCD	(Ω)
Circuit number and phase		Circuit o	designation		Type of wiring	Reference method	No of points served		cpc mm <sup>2</sup>	Max permitted disconnection times (s)	BS(EN)		AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (∆n)	Maximum permitted Zs (Ω)
12/L2	Sockets facil	lities EC	Γ Rooms.		Α	В	2021	2x4	2x1.5	0.4	61009 RCD/RC	ВО		С	32	10	30	0.68
12/L3	Sockets facil	lities - rec	eption		Α	В	2021	2x4	2x1.5	0.4	60898 MCB			В	32	10	N/A	1.37
13/L1	Sockets filing	g room, c	orridor		Α	В	2021	2.5	2.5	0.4	61009 RCD/RC	ВО		С	16	10	30	1.37
13/L2	Sockets Roc	om 20			Α	В	2021	2x4	2x1.5	0.4	60898 MCB			В	32	10	N/A	1.37
13/L3	SPARE	ckets filing corridor Radio room.			-	-	-	-	-	-	-		-	-	-	-		-
14/L1	Sockets filing				Α	В	2021	2.5	1.5	0.4	61009 RCD/RC	ВО		С	16	10	30	1.37
14/L2	Boiler House	oiler House supply			Α	В	2021	4	2.5	0.4	60898 MCB			В	20	10	N/A	2.19
14/L3	Shower - As	Shower - As Marked			Α	В		16	16	0.4	61009 RCD/RC	ВО		В	32	10	30	1.37
15/TP				-	-	-	-	-	-	-		-	-	-	-	-	-	
16/TP	SPARE SPARE			-	-	-	-	-	-	-		-	-	-	-	-	-	
17/TP	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-
18/L1	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-
18/L2	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-
18/L3	Switchroom	LED light	t As Marked		Α	В		1	1	0.4	60898 MCB			В	6	10	N/A	7.28
				+														
				+														
				+														
\\/iris	ng Code																	
VVIIII	Ig Code		В		С		D		E		F		G		Н		0	7
	<b>├</b>	1									1				• •			-
	PVC/F cabl		PVC cables in metallic conduit	no	VC cables in on-metalli conduit		PVC cable in metallic trunking		PVC cablin in non-meta trunkin	allic	PVC/SWA cables		E/SWA ables		insulated ables	0	ther	

Board 7	Tests															
		TO BE C	OMPLETED	) IN EVERY	CASE				TE	OT INICTOL	INACNIT	e (eedial n	LIMPEDO	LICED		
Correct	supply pola	arity confirme	d 🗸	Phase se	equence co	nfirmed	N/A			SI INSTRU	JIVIEIN I	S (SERIAL N	UIVIDERS	) USED		
Su	pplementa	ary Conductor	rs 🗸	(where a	ppropriate)	L	N/A	Earth fau	21	70068		RCD	2170	0068		
ONLY TO		MPLETED IF					ECTED	impedan Insulation	ce			Multi-				
- 0.0		ECTLY TO T			STALLATIO	ON		resistano		70068		functi				
Zs 0.0		2 lpf 9.8 associated R			/A m	ne		Continuit	у 21	70068		Other	N/A			
		iits and/oi					ge									
N/A	01 01100	nto arra/or	Счирп	ioni vain	Clabic t	o dama	gc									
IN/A																
Circuit	Tests	Circ	cuit Impedar	nces												
0::			Ω	All cir	-a. ita		Insu	lation resis	tance			Maximum	RC	D ·	ntton	Remarks see continuation sheet
Circuit		g final circuits		(At lea	st one	<b>.</b>		,	,		Polarity (v)	measured earth fault	Disconnection (sm time	tton	AFDD Test button operation	narks ntinua neet
and phase	(me	easure end to	ena)	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 <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	$(R_1 + R_2)$	(R <sub>2</sub> )		ΜΩ	ΜΩ	ΜΩ	ΜΩ		Ω	⊠ (ms)	Te o	AF	Se
12/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	✓	0.63	29/29	✓		NO
12/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.56	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	1	0.34	39/29	1		NO
13/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.69	N/A	N/A		NO
13/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.24	29/29	1		NO
14/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.34	N/A	N/A		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	1		NO
15/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16/TP	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
17/TP	-	-	-	-	-	-	ı	-	-	-	-	-	-	-	-	-
18/L1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
18/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	By															
Signa				l.	_			Position		Test En	ginee	r				
		5: :						Date of								
Name	;	Richa	rd Johns					testing		30/11/2	021					

																	_
Boar	d Detai	ls															
Т	O BE CO	MPLETE	ED IN EVERY CASE		ONLY TO	O BE CO	MPLETE	D IF TH	E DISTRI	IBUTION BOARD OF THE INSTAI			IECTED	DIRECTI	LY TO T	HE ORIG	3IN
Locati	ion of	Flood	Defence		Supply to		CubMa	ina/DB	Main	e/TD\	4		Asso	ociated RC	CD (if an	y)	
Distrib Board	oution	Corrido		b	distributio ooard is fi	from:	SubMai	เมล(ทอ				BS(EN)	)	N/A			
					No of pha	ses (	3		Nominal	I Voltage 400	V	RCD N	o of	N/A			
Distrib		DB 4			)vercurre	ent protec	ctive devi	ce for the	e distribut	ition circuit		Poles		IN/A			
board desigr					Гуре BS(	EN)	60947-2	2 MCC	В	Rating 100	А	RCD R	ating	N/A		n	nA
Circu	uit Deta	ils															
ber				gui	thod	erved	_	rcuit	on		Over	current pr device				RCD	s(Ω)
Circuit number and phase		Circuit	designation	Type of wiring	Reference method	points served	conduct	tors csa	Max permitted disconnection times (s)					€	rcuit (kA)	ing (I∆n)	Maximum permitted Zs (Ω)
Sircuit				lype (	feren	of poi	Live	cpc	Max pern disconne times (	BS(EN)		AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (∆n)	/axim ermit
	The state of	terta fai				Jo oV	mm <sup>2</sup>	111111		2074 MCD			2				
	Flood risk s			A	В	2021	2x4	2x1.5	0.4	3871 MCB			2	32	10	N/A	0.97
	Flood risk s		wall	A	В	2021	2x4	2x1.5	0.4	3871 MCB			2	32	10	N/A	0.97
1/L3	A/C 1 - As I	Marked		A	В		2.5	1.5	0.4	60898 MCB	3		С	16	10	N/A	1.37
2/L1	Corridor So	ckets		A	В	2021	2x4	2x1.5	0.4	3871 MCB			2	32	10	N/A	0.97
2/L2	Room 19 so	ockets		А	В	2021	2x4	2x1.5	0.4	3871 MCB			2	32	10	N/A	0.97
2/L3	Loft Lights	corridor - A	As Marked	A	С		1.5	1	0.4	3871 MCB			2	10	10	N/A	3.12
3/L1	Room 47, 4	18, 49 light	ts - As Marked	А	В		1.5	1	0.4	3871 MCB			2	10	10	N/A	3.12
3/L2	Room 18, 1	19 lights - <i>i</i>	As Marked	А	В		1.5	1	0.4	3871 MCB			2	10	10	N/A	3.12
3/L3	Emergency	/ Lights - A	s Marked	А	В		1.5	1	0.4	3871 MCB			2	10	10	N/A	3.12
4/L1	Flood risk s	ockets		A	В	2021	2x4	2x1.5	0.4	3871 MCB			2	32	10	N/A	0.97
4/L2	A/C 2 - As I	 Marked		A	В		2.5	1.5	0.4	60898 MCB	3		С	20	10	N/A	1.09
4/L3	Disabled W	//C Alarm.	- As Marked	A	В		1	1	0.4	3871 MCB			2	10	10	N/A	3.12
5/L1	Flood risk s	ockets		A	В	2021	2x4	2x1.5	0.4	3871 MCB			2	32	10	N/A	0.97
5/L2	Flood risk s	ockets		A	В	2021	2x4	2x1.5	0.4	3871 MCB			2	32	10	N/A	0.97
5/L3	Kitchen Cor	rridor sock	cets	А	В	2021	2x4	2x1.5	0.4	3871 MCB			2	32	10	N/A	0.97
6/L1	Flood risk li	ights room	ns 44, 45 - As Marked	A	В		1.5	1	0.4	3871 MCB			2	10	10	N/A	3.12
6/L2	Flood risk li	ights room	ns 42, 43 - As Marked	A	В		1.5	1	0.4	3871 MCB			2	10	10	N/A	3.12
6/L3	Kitchen toile	et Lighting	g - As Marked	A	В		1	1	0.4	3871 MCB			2	10	10	N/A	3.12
7/L1	Room 47, 4	18, 49 soci	kets	A	В	2021	2x4	2x1.5	0.4	3871 MCB			2	32	10	N/A	0.97
7/L2	Room 19 so	ockets		A	В	2021	2x4	2x1.5	0.4	3871 MCB			2	32	10	N/A	0.97
7/L3	Corridor Lig	jhts - As N	//arked	A	В		1.5	1	0.4	3871 MCB			2	10	10	N/A	3.12
8/L1	Room 49 so	ockets & E	BMS.	А	В	2021	2x4	2x1.5	0.4	3871 MCB			2	32	10	N/A	0.97
8/L2	Boilerhouse	e supply		A	В	2021	4	1.5	0.4	3871 MCB			2	32	10	N/A	0.97
8/L3	Outrside &	Security lig	ighting As Marked	А	В		1.5	1	0.4	60898 MCB	3		С	6	10	N/A	3.64
Wirir	ng Code	е															
	P	4	В	С		D		E		F		G		Н		0	
			PVC cables	PVCcable	_	PVC cable		PVC cabl	100								
		/PVC	in	in		in		in		PVC/SWA		E/SWA		l insulated	0	ther	
	Calu	oles	metallic conduit	non-metall conduit		metallic trunking		non-meta trunkin	I .	cables	Ca	ables	Lea	ables			
	L																ا

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u	Uυ	346	,	41	asi	UG I

Board 7	ests																
		TO BE CO	OMPLETED	O IN EVERY	CASE			-	TE	ST INSTRU	JMENT	S (SERI	AL NUI	MBERS	) USED		
		arity confirmed			equence co ppropriate)		N/A	Earth fau		70068		F	RCD	2170	ากคล		
	O BE COM	MPLETED IF 1	THE DISTR				ECTED	impedan Insulation	ce				Лulti-		,000		
Zs 0.	_	RECTLY TO T			STALLATIO	ON		resistano		70068			unction	N/A			
		associated R			I/A m	ıs		Continuit	у 21	70068		C	Other	N/A			
Details	of circu	uits and/or	r equipm	ent vuln	erable t	o dama	ge										
N/A																	
Circuit	Tests	Circ	cuit Impedar	200							ı						
		Circ	uit impedar Ω				Insu	lation resis	tance			Maxim	num –	RC	D	itton	ion
Circuit number and phase		g final circuits easure end to		All cir (At lea colu to be cor	ist one imn	Test Voltage	Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	Polarity (v)	measu earth fa loop impeda	ault	Disconnection (sm) time	Test button operation	AFDD Test button operation	Remarks see continuation sheet
	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(R <sub>1</sub> + R <sub>2)</sub>	(R <sub>2</sub> )		ΜΩ	ΜΩ	ΜΩ	ΜΩ		Ω		⊠(ms)	Te A	AF	s B
1/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.68		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	0.60	)	N/A	N/A		NO
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/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.54	1	N/A	N/A		NO
2/L2	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		NO
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	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	N/A	N/A	N/A	N/A	N/A		N/A		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/A		N/A	N/A		NO
4/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.75	5	N/A	N/A		NO
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
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/L1	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
5/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.34		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	0.39	)	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	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	0.61		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	1	0.49	)	N/A	N/A		NO
7/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
8/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.63	3	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	0.37	,	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			l'e	_			Position	1	Test En	ginee	r					
Name	<b>)</b>	Richa	rd Johns					Date of testing		30/11/2	021						

Boa	rd Deta	ils														
٦	ГО ВЕ СО	MPLETE	ED IN EVERY CASE		ONLY T	O BE CO	MPLETE	D IF THI	E DISTR	IBUTION BOARD IS OF THE INSTALLA		NECTED	DIRECT	LY TO T	HE ORIO	SIN
	tion of bution	Switch	n room		Supply to distribution distribution distribution distribution	rom:	SubMa			17/L1)	BS(EN	)	N/A	CD (if an	y)	
board	bution d nation	DB 3A	A (UPS)		Overcurre		ctive devi			rition circuit  Rating 63 A	RCD N Poles RCD R		N/A		n	nA
Circ	uit Deta	ils														
				D D	hod	rved	Cir	cuit	ے <u>ت</u>	0	vercurrent p				RCD	(Ω)
Circuit number and phase		Circuit	designation	Type of wiring	Reference method	No of points served		cpc mm <sup>2</sup>	Max permitted disconnection times (s)	BS(EN)	AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (∆n)	Maximum permitted Zs $(\Omega)$
1/L1	UPS Socke	ets in roon	n 26b & 27	Α	E	2021	2x2.5	2x1.5	0.4	3871 MCB		2	32	10	N/A	0.97
2/L1	Comms ter	mp alarm -	- As Marked	А	E		2.5	1.5	0.4	3871 MCB		2	15	10	N/A	2.08
3/L1	SPARE			-	-	-	-	-	-	-	-	-	-	-	1	-
4/L1	Internal Ph	one syste	m Room 29	F	С	LIM	1.5	16	0.4	3871 MCB		2	10	10	30	3.12
5/L1	RCD Modu	le Coverir	ng	-	-	-	-	-	-	-	-	-	-	-		-
6/L1	Power supp	ply in abov	ve box	D	В		1	1	0.4	3871 MCB		2	6	10	30	5.20
7/L1	Far New U	PS Socke	ts room 25	А	E	2021	2x2.5	2x1.5	0.4	3871 MCB		2	32	10	N/A	0.97
8/L1	RCD Modu	le Coverir	ng	-	-	-	-	-	-	-	-	-	-	-	-	-
9/L1	Twin Socke	ets in roon	n 29	А	E	2021	2.5	1.5	0.4	3871 MCB		2	10	10	30	3.12
10/L1	Room 27 U	JPS Socke	et	F	С	2021	2.5	2.5	0.4	60898 MCB		С	20	10	N/A	1.09
11/L1	Intruder Ala	arm - As	Marked	А	E		2.5	1.5	0.4	3871 MCB		2	15	10	30	2.08
12/L1	Computer r	room red b	olue phase - As Marked	F	С		16	16	0.4	60898 MCB		D	63	10	N/A	0.17
Wiri	ng Code	е			<u> </u>											
		٩	В	С		D		E		F	G		Н		0	
		/PVC bles	PVC cables in metallic conduit	PVC cable in non-meta conduit	lic	PVC cable in metallic trunking		PVC cab in non-meta trunkin	allic	PVC/SWA cables	XLPE/SWA cables		linsulated ables	0	ther	

Board 7	Tests															
Dod. a	00.0	TO BE C	OMPLETED	) IN EVERY	CASE					OT INICITOI	INACNIT	C (CEDIAL N	LIMPEDO	\ LICED		
Correct	supply pola	arity confirme	d 🗸	Phase se	equence co	nfirmed	N/A	-	16	:51 IN51KU	JIVIENI	S (SERIAL N	UMBERS	) USED		
Su	pplementa	ary Conductor	s 🗸		ppropriate)		N/A	Earth fau		70068		RCD	2170	0068		
ONLY TO		IPLETED IF					ECTED	impedan Insulation	ce			Multi-		,,,,,		
		ECTLY TO T			STALLATIO	ON		resistano		70068		function	on N/A			_
Zs 0.1		2 lpf 1.9 associated R			/A m	ne.		Continuit	у 21	70068		Other	N/A			
		its and/o					ge.									
	OI CII CC	iits arid/o	equipii	ient vain	crabic t	o dama	ge									
N/A																
Circuit	Tests	Circ	cuit Impedar									1				
		Circ	uit impedar Ω				Insu	lation resis	tance			Maximum	RC	D	tton	ion
Circuit number		g final circuits		All cir (At lea	st one						Polarity (v)	measured earth fault	ction	Lo Lo	AFDD Test button operation	Remarks see continuation sheet
and phase	(me	easure end to	end)	to be cor		Test Voltage	Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	Polar	loop	onne	Test button operation	DD Te	Rem e con sh
	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(R <sub>1</sub> + R <sub>2)</sub>	(R <sub>2</sub> )		ΜΩ	ΜΩ	ΜΩ	ΜΩ		Ω	Disconnection time	Tes	AFE	sec
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	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A		NO
3/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4/L1	N/A	N/A	N/A	N/A	N/A	LIM	N/A	N/A	LIM	N/A		LIM	LIM	N/A		NO
5/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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
7/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.35	N/A	N/A		NO
8/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.26	10/6	1		NO
10/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.36	N/A	N/A		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	N/A	N/A		NO
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
Tested																
Signature Position Test Engineer												r				
Name	•	Richa	rd Johns					Date of testing		01/12/2	021					

Boar	d Detail	s															
Т	O BE COM	/PLETE	D IN EVERY CASE		ONLY TO	O BE CO	MPLETE	D IF THI	E DISTRI	IBUTION BOARI OF THE INSTA			IECTED	DIRECTI	LY TO T	HE ORIG	SIN
Locati Distrib Board	bution	Server	Room	d b	Supply to distributio board is fi No of pha	on S from:	SubMai			17/L1) I Voltage 230	V	BS(EN)	)	ciated R0	CD (if an	у)	
Distrib board design	l   L	DB 3B	Server		Overcurre		ctive devi			Rating 63	А	RCD N Poles		N/A		n	nA
_	uit Detai	ile															
	III Detai	5		Б	pou	,ved	Cit	rcuit	ם כ		Overd	current pr				RCD	(G)
Circuit number and phase		Circuit d	designation	Type of wiring	Reference method	No of points served		cpc mm <sup>2</sup>	Max permitted disconnection times (s)	BS(EN)		AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (⊠n)	Maximum permitted Zs (Ω)
1/L1	Server socke	ets under	floor	D	В	LIM	2.5	2.5	0.4	61009 RCD/RC	СВО		С	10	10	30	2.19
2/L1	RCD Module	e Covering	g	-	-	-	-	-	-	-		-	-	-	-	-	-
3/L1	Server socke	ets under	floor	D	В	LIM	2.5	2.5	0.4	61009 RCD/RC	СВО		С	10	10	30	2.19
4/L1	RCD Module	e Covering	9	-	-	-	-	-	-	-		-	-	-	-	-	-
5/L1	Server socke	ets under	floor	D	В	LIM	2.5	2.5	0.4	61009 RCD/RC	СВО		С	10	10	30	2.19
6/L1	RCD Module	e Covering	g	-	-	-	-	-	-	-		-	-	-	-	-	-
7/L1	Server socke	ets under	floor	D	В	LIM	2.5	2.5	0.4	61009 RCD/RC	СВО		С	10	10	30	2.19
8/L1	RCD Module	e Covering	g	-	-	-	-	-	-	-		-	-	-	-	-	-
9/L1	Server socke	ets under	floor	D	В	LIM	2.5	2.5	0.4	61009 RCD/RC	СВО		С	10	10	30	2.19
10/L1	RCD Module	e Covering	g	-	-	-	-	-	-	-		-	-	-	-	-	-
11/L1	SPARE			-	-	-	-	-	-	-		-	-	-	-	-	-
12/L1	RCD Module	e Covering	g	-	-	-	-	-	-	-		-	-	-	-	-	-
13/L1	Server socke	ets under	floor	D	В	2021	2.5	2.5	0.4	61009 RCD/RC	СВО		С	10	10	30	2.19
14/L1	RCD Module	e Covering	g	-	-	-	-	-	-	-		-	-	-	-	-	-
15/L1	Way Not Ava	ailable		-	-	-	-	-	-	-		-	-	-	-	-	-
16/L1	Server socke	ets under	floor	D	В	2021	2.5	2.5	0.4	61009 RCD/RC	СВО		С	10	10	30	2.19
17/L1	RCD Module	e Covering	g	-	-	-	-	-	-	-		-	-	-	-	-	-
18/L1	Way Not Ava	ailable		-	-	-	-	-	-	-		-	-	-	-	-	-
19/L1	RCD Module	e Covering	g	-	-	-	-	-	-	-		-	-	-	-	-	-
20/L1	SPARE			-	-	-	-	-	-	-		-	-	-	-	-	-
21/L1	Way Not Ava	ailable		-	-	-	-	-	-	-		-	-	-	-	-	-
22/L1	Server socke	ets under	floor	D	В	2021	2.5	2.5	0.4	61009 RCD/RC	СВО		С	16	10	30	1.37
23/L1	RCD Module	e Covering	g	-	-	-	-	-	-	-	$\overline{}$	-	-	-	-	-	-
24/L1	Server socke	ets trunkir	ng	D	В	2021	2.5	2.5	0.4	61009 RCD/RC	СВО		С	10	10	30	2.19
Wirir	ng Code																
	А		В	С		D		E		F		G		H		0	7
	PVC/F cable	PVC	PVC cables in metallic conduit	PVC cable in non-metal conduit	lic	PVC cable in metallic trunking	;   ,	PVC cabl in non-meta trunkin	allic	PVC/SWA cables	XLPE	E/SWA bles	Mineral	insulated ables		ther	-

OOHLL	OLL O	i Circo	II ILOI	o i oit		JIALLA	TION				Ü	00-0	) - IVIA	Sici			
Board <sup>*</sup>	Tests																
		TO BE C	OMPLETE	) IN EVERY	CASE				TF	EST INSTRI	IMENT	S (SFI	RIAI NII	MRERS	) USED		
Correct	supply pola	arity confirme	d 🗸	Phase se	equence co	onfirmed	N/A				J	0 (02.			, 5522		
Sı	upplementa	ary Conductor	rs 🗸	(where a	ppropriate)	)		Earth fau loop impedan	21	70068			RCD	2170	0068		
ONLY T		IPLETED IF TO T					ECTED	Insulatio	n 21	70068			Multi- function	N/A			
Zs 0.	10 🕜	2 lpf 2.3	39 kA					Continui	,e	70068			Other	N/A			
		associated R				ns		Continu	y Z1	70000			Cuioi	IN/A			
Details	of circu	its and/o	r equipm	nent vuln	erable t	o dama	ge										
N/A																	
Circuit	Tests																
		Circ	cuit Impeda Ω	nces			Insu	lation resis	tance			١.,		RC	D	ton	 
Circuit number	Rin	g final circuits	s only	All ci							(×)	mea	sured	tion	5 -	AFDD Test button operation	Remarks see continuation sheet
and phase	(me	easure end to	end)	to be con	ımn mpleted)	Test Voltage	Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	Polarity (v)	lo	n fault op	unnec	Test button operation	D Te	Rema conti
,	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(R <sub>1 + R<sub>2)</sub></sub>	(R <sub>2</sub> )	Tomago	ΜΩ	ΜΩ	ΜΩ	ΜΩ	"		dance Ω	Disconnection (sm time	Test	AFD	see
1/L1	N/A	N/A	N/A	N/A	N/A	LIM	N/A	N/A	LIM	N/A		L	IM	18/16	1		NO
2/L1	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
3/L1	N/A	N/A	N/A	N/A	N/A	LIM	N/A	N/A	LIM	N/A		L	IM	18/15	1		NO
4/L1	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
5/L1	N/A	N/A	N/A	N/A	N/A	LIM	N/A	N/A	LIM	N/A		L	IM	29/16	1		NO
6/L1	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
7/L1	N/A	N/A	N/A	N/A	N/A	LIM	N/A	N/A	LIM	N/A		L	IM	18/15	1		NO
8/L1	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
9/L1	N/A	N/A	N/A	N/A	N/A	LIM	N/A	N/A	LIM	N/A		L	IM	18/15	1		NO
10/L1	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
11/L1	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
12/L1	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
13/L1	N/A	N/A	N/A	N/A	0.42	N/A	N/A	N/A	299	N/A	1	0.	.50	18/13	1		NO
14/L1	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
15/L1	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
16/L1	N/A	N/A	N/A	N/A	0.20	N/A	N/A	N/A	299	N/A	1	0.	.39	18/16	1		NO
17/L1	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
18/L1	-	-	-	-	1	-	-	-	1	-	-		-	-	-	-	-
19/L1	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
20/L1	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
21/L1	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
22/L1	N/A	N/A	N/A	N/A	0.19	N/A	N/A	N/A	299	N/A	1	0.	.22	25/24	1		NO
23/L1	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
24/L1	N/A	N/A	N/A	N/A	0.53	N/A	N/A	N/A	299	N/A	1	0.	.65	29/26	✓		NO
Tested	Ву																
Signa	ature			(n				Position		Test En	ginee	r					
Name	е	Richa	rd Johns		Date of testing		30/11/2	021									

Boai	rd Deta	ils																
٦	ГО ВЕ СО	MPLETE	ED IN EVERY CASI	E	(	ONLY TO	O BE CO	MPLETE	D IF THI	E DISTR	IBUTION BOARD OF THE INSTAL			IECTED	DIRECTI	LY TO T	HE ORIO	SIN
	tion of bution	Serve	r Room		d b	supply to istributio oard is f lo of pha	n S	SubMai				V	BS(EN)	)	ciated R0	CD (if an	у)	
board	bution d nation	DB 3E	3 Server			ype BS(		tive devi			Rating 63	А	Poles RCD R		N/A		n	nA
Circ	uit Deta	ils																
				T	б	poq	rved	Cir	cuit	<u>ت</u> د		Overcu	urrent pr device	otective			RCD	(Ω)
Circuit number and phase			designation		Type of wiring	Reference method	No of points served	Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max permitted disconnection times (s)	BS(EN)	,	AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (∆n)	Maximum permitted Zs $(\Omega)$
25/L1	RCD Modu	lle Coverir	ng		-	-	-		-	-	-		-	-	-	-	1	-
26/L1	Server soc	kets unde	r floor		D	В	2021	2.5	2.5	0.4	61009 RCD/RCE	30		С	10	10	30	2.19
27/L1	Way Not A	vailable			-	-	-	-	-	-	-		-	-	-	-	-	-
28/L1	Server soc	kets trunk	ing		D	В	2021	2.5	2.5	0.4	61009 RCD/RCE	30		С	16	10	30	1.37
29/L1	Server soc	kets trunk	ing		D	В	2021	2.5	2.5	0.4	61009 RCD/RCE	30		С	16	10	30	1.37
30/L1	Way Not A	vailable			-	-	-	-	-	-	-		-	-	-	-	-	-
31/L1	Server soc	kets behin	nd cabinet		D	В	2021	2.5	2.5	0.4	61009 RCD/RCE	30		С	16	10	30	1.37
32/L1	Server soc	kets behin	nd cabinet		D	В	2021	2.5	2.5	0.4	61009 RCD/RCE	30		С	16	10	30	1.37
33/L1	Server soc	kets behin	nd cabinet		D	В	2021	2.5	2.5	0.4	61009 RCD/RCE	30		С	16	10	30	1.37
34/L1	Server soc	kets behin	nd cabinet		D	В	2021	2.5	2.5	0.4	61009 RCD/RCE	30		С	16	10	30	1.37
35/L1	Server soc	kets behin	nd cabinet		D	В	2021	2.5	2.5	0.4	61009 RCD/RCE	30		В	16	10	30	2.73
36/L1	Server soc	kets behin	nd cabinet		D	В	2021	2.5	2.5	0.4	61009 RCD/RCE	30		С	16	10	30	1.37
				+														
				+														
				+														
												+						
				_								_						
				_														
				+								+						
				+								$\perp$						
Wirir	ng Code	е																
	A	4	В		С		D		Е		F	C	3		Н		0	
	PVC/PVC in				/Ccable: in n-metall conduit		PVC cable in metallic trunking		PVC cab in non-meta trunkin	allic	PVC/SWA cables	XLPE/ cab			insulated ables	0	ther	

Board 7	Coete															
Doaru	esis	TO BE C	OMPLETED	) IN EVERY	CASE											
Correct	supply pola	arity confirme	_	Phase se	equence co		N/A	Earth fau		EST INSTRU	JMENT	S (SERIAL 1	NUMBERS	) USED		
		ary Conductor			ppropriate)			loop impedan	21	70068		RCD	2170	0068		
ONLY I	DIR DIR	MPLETED IF	HE ORIGIN	OF THE IN	STALLATION	ON CONNI	ECIED	Insulation		70068		Multi				
Zs 0.1					1/4	20		Continuit	y 21	170068		Othe	_			
		associated Ruits and/or				ns o dama	ge .									
N/A	Of Circo	its arta/or	cquipii	icht vann	Clabic t	o dama	ge									
IN//A																
Circuit <sup>1</sup>	Tests															
Onodit		Circ	cuit Impedar Ω	nces			Insu	lation resis	tance				RC	D	E .	
Circuit number	Rin	g final circuits		All cir (At lea							2	Maximum measured	noi		AFDD Test button operation	Remarks see continuation sheet
and phase		easure end to		colu	ımn	Test Voltage	Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	Polarity (v)	earth fault loop	nnect	Test button operation	D Test bu	Rema contir she
pridoc	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(R <sub>1</sub> + R <sub>2)</sub>	(R <sub>2</sub> )	Voltage	ΜΩ	ΜΩ	MΩ	ΜΩ	п.	impedance Ω	Disconnection (sm time	Test	AFD	see
25/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26/L1	N/A	N/A	N/A	N/A	0.21	N/A	N/A	N/A	299	N/A	✓	0.29	34/18	1		NO
27/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28/L1	N/A	N/A	N/A	N/A	0.22	N/A	N/A	N/A	299	N/A	1	0.26	32/24	1		NO
29/L1	N/A	N/A	N/A	N/A	0.23	N/A	N/A	N/A	299	N/A	1	0.29	27/26	1		NO
30/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31/L1	N/A	N/A	N/A	N/A	0.54	N/A	N/A	N/A	299	N/A	1	0.61	36/10	1		NO
32/L1	N/A	N/A	N/A	N/A	0.49	N/A	N/A	N/A	299	N/A	1	0.66	36/10	1		NO
33/L1	N/A	N/A	N/A	N/A	0.73	N/A	N/A	N/A	299	N/A	✓	0.97	36/10	✓		NO
34/L1	N/A	N/A	N/A	N/A	0.83	N/A	N/A	N/A	299	N/A	✓	0.96	36/10	✓		NO
35/L1	N/A	N/A	N/A	N/A	0.32	N/A	N/A	N/A	299	N/A	✓	0.45	29/29	✓		NO
36/L1	N/A	N/A	N/A	N/A	0.54	N/A	N/A	N/A	299	N/A	✓	0.62	36/10	✓		NO
Tested																
Signa	ture			l'a	_			Position		Test En	ginee	r				
Name	•	Richa	ırd Johns					Date of testing		30/11/2	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 DISTR	IBUTION BOARD			NECTED	DIRECT	LY TO T	HE ORIO	SIN
Locat	ion of	Switch	ı room		s	upply to	,					4		Asso	ciated R0	CD (if an	y)	
Distrib	oution	OWILCI	TTOOM		d	istribution	on [	N/A				41	BS(EN	)	N/A			
Board					N	o of pha	ases	1		Nomina	Voltage 230	V						
Distrib	oution	DD 20	\(LIDC)		C	vercurr	ent proted	ctive devi	ice for the	e distribu	ition circuit		RCD N Poles	0 01	N/A			
board		טם אכ	C (UPS)		Т	ype BS	(EN)	N/A			Rating N/A	А	RCD R	ating	N/A		n	nΑ
Circu	uit Deta	ils																
oer e					Вu	thod	erved		cuit	ed		Over	current po device	rotective			RCD	(Ω)
Circuit number and phase			designation		Type of wiring	Reference method	No of points served	Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max permitted disconnection times (s)	BS(EN)		AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (∆n)	Maximum permitted Zs $(\Omega)$
1/L1	CcTv - As	Marked			0	С		2.5	2.5	0.4	60898 MCB	1		С	20	10	N/A	1.09
	Sub Mains	(GATE DB	<u> </u>		F	D	2021	16	72	0.4	60898 MCB	1		В	20	10	N/A	2.19
3/L1	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-
	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-
5/L1	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-
6/L1	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-
Wirir	ng Code	е					<u> </u>											
	<i>-</i>	٩	В		С		D		Е		F		G		Н		0	
		/PVC oles	PVC cables in met allic conduit	no	VC cables in on-metall conduit		PVC cable in metallic trunking		PVC cabl in non-meta trunkin	allic	PVC/SWA cables		PE/SWA ables		linsulated ables	С	ther	

Board 7	Tests															
Dodia	0010	TO BE C	OMPLETE	) IN EVERY	CASE							:0 (OEDIAL N				
Correct	supply pola	arity confirme	ed 🗸	Phase se	equence co	nfirmed	N1/A	1	IE	STINSTRU	JMENI	S (SERIAL N	UMBERS	) USED		
		ary Conducto			ppropriate)		N/A	Earth fau		70068		RCD	2170	ากคล		
		IPLETED IF		IBUTION BO	DARD IS N	OT CONNI	ECTED	impedan	ce	70000				,000		
	DIR	ECTLY TO T		OF THE IN	ISTALLATI	ON		Insulation resistance		70068		Multi- functi				
Zs 0.					1/4			Continuit	y 21	70068		Other	N/A			
		associated F			_	ns										
	of circu	its and/o	r equipm	nent vuln	erable t	o dama	ge									
N/A																
Circuit 7	Tests															
		Circ	cuit Impedar Ω	nces			Insu	lation resis	tance				RC	D	uo	Ę
Circuit number	Rin	g final circuits	s only	All cir	rcuits ist one						3	Maximum measured	noi		t butt	rks nuatic
and		easure end to		` colu	ımn	Test	Live/	Live/	Live/	Earth/	Polarity (v)	earth fault loop	nect	butto	) Tes	Rema contiir she
phase	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	to be cor (R <sub>1</sub> + R <sub>2</sub> )	(R <sub>2</sub> )	Voltage	Live MΩ	Neutral MΩ	Earth MΩ	Neutral MΩ	₫.	impedance $\Omega$	Disconnection (s time	Test button operation	AFDD Test button operation	Remarks see continuation sheet
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/L1	N/A	N/A	N/A	N/A	N/A	N/A	299	N/A	_	0.80	N/A	N/A		NO		
3/L1	-	-	_	-	_	500	N/A	-		-	<b>√</b>	-	-	-	_	-
4/L1	-	-	-	-	-	-	•	-		-	-	-	-	-	-	-
5/L1	-	-	-	-	•	-	1	-	1	-	-	-	-	-	-	-
6/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tested	Ву															
Signa	iture			l'e				Position	1	Test En	ginee	r				
Name	)	Richa	rd Johns			Date of		01/12/2	021							
		TAIGHE	4 9011118					testing		01/12/2	J_ I					

Boar	d Deta	ils															
T	O BE CO	MPLETE	ED IN EVERY CASE	≣	ONLY T	O BE CO	MPLETE	D IF THI	E DISTR	RIBUTION BOARD OF THE INSTAL			NECTED	DIRECTI	LY TO T	HE ORIG	GIN
Distril Board	ion of bution d	Switch DB 1A			Supply to distribution board is No of ph Overcurr	on from: ases	3		Nomina	18/TP)  Il Voltage 400  ution circuit	V	BS(EN RCD N Poles	)	N/A	CD (if an	у)	
board		או פט			Type BS	(EN)	60947-	2 MCC	В	Rating 100	А	RCD R	ating	N/A		n	nA
Circ	uit Deta	ails															
ber e				ing	sthod	erved		cuit	bed on		Over	current p device	rotective			RCD	s (Ω)
Circuit number and phase		Circuit o	designation	Type of wiring	Reference method	No of points served	Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max permitted disconnection times (s)	BS(EN)		AFDD	Type	Rating (A)	Short circuit capacity (kA)	Operating current (∆n)	Maximum permitted $\operatorname{Zs}\left(\Omega\right)$
1/TP	SPARE			-	-	-	-	-	-	-		-	-	-	-	-	-
2/L1	SPARE			-	-	-	-	-	-	-		-	-	-	-	-	-
2/L2	SPARE			-	-	-	-	-	-	-		-	-	-	-	-	-
2/L3	SPARE			-	-	-	-	-	-	-		-	-	-	-	-	-
3/TP	SPARE			-	-	-	-	-	-	-		-	-	-	-	-	-
4/TP	Sub Mains	(DB Cante	en)	F	С	2021	16	72	5	BS 5419				125	10	N/A	
5/TP	SPARE			-	-	-	-	-	-	-		-	-	-	-	-	-
6/TP	SPARE			-	-	-	-	-	-	-		-	-	-	-	-	-
7/TP	SPARE			-	-	-	-	-	-	-		-	-	-	-	-	-
8/TP	SPARE			-	-	-	-	-	-	-		-	-	-	-	-	-
Wirir	ng Cod	е															
	,	Ą	В	С		D		E		F		G		Н		0	
	PVC cal	PVC cabl in non-meta condui	llic	PVC cable in metallic trunking		PVC cablin in non-meta trunkin	allic	PVC/SWA cables		E/SWA ables		l insulated ables	C	ther			

SCHEE	DULE O	F CIRCU	IT TEST	rs for <sup>-</sup>	THE INS	STALLA	TION				8	0346 - 1	Maste	er			
Board 7	Tests																
		TO BE C	OMPLETE	) IN EVERY	CASE				TES	ST INSTRU	JMENT	S (SERIAL	. NUMB	BERS)	USED		
		arity confirme			equence co ppropriate)		N/A	Earth fau		291679		RC	D ·	1012	91679	α	
	O BE CON	MPLETED IF	THE DISTR				ECTED	impedan	ce						3107	9	
		ECTLY TO T			STALLATI	ON		Insulatio resistant		291679		Mu fun	ction	N/A			
Zs 0.		2 lpf 4.5 associated F			Ι/Δ ~	ıs		Continui	ty 101	291679		Oth	ner	N/A			
		its and/o					ge										
N/A	OI CII CC	nto ana/o	Гочарп	icht van	Clabic t	o dama	gc _										
Circuit	Tests																
		Circ	cuit Impeda Ω	nces			Insu	lation resis	tance					RCE	)	uo;	5
Circuit number and phase		g final circuits easure end to		All cir (At lea colu to be cor	st one ımn	Test Voltage	Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	Polarity (v)	Maximur measure earth fau loop	tl b m	time)	Test button operation	AFDD Test button operation	Remarks see continuation sheet
	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(R <sub>1 +</sub> R <sub>2)</sub>	(R <sub>2</sub> )	Vollago	ΜΩ	ΜΩ	ΜΩ	ΜΩ		impedano Ω	Disco a	(ms)	Test	AFD	see
1/TP	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	
2/L1	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
2/L2	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
2/L3	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
3/TP	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
4/TP	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.15	N	I/A	N/A		NO
5/TP	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
6/TP	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
7/TP	-	-	-		-	-	-	-	-	-	-	-		-		-	-
8/TP	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
													$\perp$				
Tested	By																

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Steven Davis

Signature

Name

Grade 1 Test Engineer

30/11/2021

Position

Date of

testing

Boar	d Deta	ils																
Т	O BE CO	MPLETE	ED IN EVERY CAS	E	(	ONLY T	O BE CO	MPLETE	ED IF THI	E DISTR	IBUTION BOARD OF THE INSTAL			NECTED	DIRECT	LY TO T	HE ORIG	SIN
Locat	ion of	Switch	n room		s	upply to	)				10 (1 1)			Asso	ciated R0	CD (if an	y)	
	oution	Ownor	1100111			istributions		SubMa	ins(DB	Maın,	16/L1)	-11	BS(EN	)	N/A		-	
Doard	•				N	o of ph	ases	1		Nomina	Voltage 230	V	RCD N					
Distril	oution	DB 2A			C	vercurr	ent proted	ctive dev	ice for the	e distribu	ition circuit		Poles	0 01	N/A		_	
board desig	l nation	DB 2P	1		Т	ype BS	(EN)	60947-	2 MCC	В	Rating 30	Α	RCD R	ating	N/A		n	nΑ
Circ	uit Deta	ils																
				П	Ð	poq	rved	Cir	cuit	7 c		Over	current pi				RCD	(O)
Circuit number and phase		Circuit	donimation		Type of wiring	Reference method	No of points served		tors csa	Max permitted disconnection times (s)			407.00		ित	¥ ;ri	g (u\	Maximum permitted Zs (Ω)
rcuit I		Circuit	designation		pe of	rence	poin	Live	срс	ax pe sconr times	BS(EN)		AFDD	Туре	Rating (A)	rt circ city (	Operating current (∆n)	iximu rmitte
Ö					Ţ	Refe	0 0 2	mm <sup>2</sup>	mm <sup>2</sup>	ğ ğ					Rat	Short circuit capacity (kA)	olo	Me pe
1/L1	Carpark Liç				F	D	2021	2.5	1.5	0.4	60898 MCB			С	20	10	N/A	1.09
2/L1	Way Not A				-	-	-	-	-	-	-		-	-	-	-	-	-
3/L1	Street light				F	D	2021	1.5	1.5	0.4	60898 MCB			В	10	10	N/A	4.37
4/L1	Way Not A				-	-	-	-	-	-	-		-	-	-	-	-	-
5/L1	Way Not A				-	-	-	-	-	-	-		-	-	-	-	-	-
6/L1	Contol circ	uit - As Ma	arked		F	С		1.5	1.5	0.4	60898 MCB			С	16	10	N/A	1.37
				+														
				$\dashv$														
				$\dashv$														
\/\/irir	ng Code	Δ																
VVIIII	_	4	В		С		D		E		F		G		H		0	7
		D		<u> </u>		ט			+	Г		<u> </u>		11		<u> </u>	-	
		/PVC oles	PVC cables in metallic conduit		VC cable in on-metall conduit		PVC cable in metallic trunking		PVC cablin in non-meta trunkin	allic	PVC/SWA cables		E/SWA ables		linsulated ables	C	ther	

Board <sup>*</sup>	Tooto																
Doard	resis	TO BE C	OMPLETE	O IN EVERY	CASE												
Correct	supply pol	arity confirme		Phase se	equence co		N/A	Earth fau		EST INSTRI	JMENT	S (SEI	RIAL NU	MBERS	) USED		
		ary Conductor			ppropriate)			loop impedan	10	1291679			RCD	1012	29167	9	
ONLY T		MPLETED IF					ECTED	Insulatio		1291679			Multi- function	N/A			
Zs 0.					1//			Continui	ty 10	1291679			Other	N/A			
		associated Ruits and/o				o dama	ge										
N/A	OI OII OC	arto arra/or	Гочирп	TOTIC VAIL	Clabic t	o dama	90										
1077																	
Circuit	Tests																
		Circ	cuit Impeda Ω				Insu	lation resis	stance					RC	D	ton	E
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)	mea: earth	imum sured fault op dance	Disconnection (sm time	Test button operation	AFDD Test button operation	Remarks see continuation sheet
	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(R <sub>1 +</sub> R <sub>2)</sub>	(R <sub>2</sub> )		ΜΩ	ΜΩ	ΜΩ	ΜΩ			Ω	Ö(ms)	Teg op	AFI	S. O.
1/L1	N/A	N/A	N/A	N/A	N/A	250	N/A	N/A	299	N/A	✓	0.	.88	N/A	N/A		NO
2/L1	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
3/L1	N/A	N/A	N/A	N/A	N/A	250	N/A	N/A	299	N/A	✓	1.	.34	N/A	N/A		NO
4/L1	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
5/L1	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
6/L1	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
											_						
Tested	Bv																
Signa				L				Position	1	Grade <sup>2</sup>	1 Test	Engi	neer				
Nam	е	Steve	n Davis			Date of testing		01/12/2	021								

Boar	rd Deta	ils														
T	го ве со	MPLETE	ED IN EVERY CASE		ONLY T	O BE CC	MPLETE	D IF TH	E DISTR	IBUTION BOARD I OF THE INSTALL		NECTED	DIRECT	LY TO T	HE ORIG	SIN
	tion of bution	Cante	en Boiler room.		Supply to distribution board is	on :	SubMa	ins(DB	1A, 4/	TP)	BS(EN		ociated R0	CD (if an	y)	
Doard	u				No of ph	ases	3		Nomina	Voltage 400						
	bution	DB Ca	anteen	71	Overcurr	ent prote	ctive devi	ice for the	e distribu	ition circuit	Poles		N/A			
board desig	nation				Type BS	(EN)	BS 541	9		Rating 125	A RCD R	ating	N/A		n	nA
Circ	uit Deta	ils														
oer e				Bu	thod	erved	Cir	cuit	ed		Overcurrent p device				RCD	; (Ω)
Circuit number and phase		Circuit	designation	Type of wiring	Reference method	No of points served	Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max permitted disconnection times (s)	BS(EN)	AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (∆n)	Maximum permitted $Zs(\Omega)$
1/L1	Canteen Li	ghts - As I	Marked	A	В		1.5	1	0.4	60898 MCB		С	10	10	N/A	2.19
1/L2	Canteen po	ower		А	В	2021	x4	2x1.5	0.4	61009 RCD/RCB0	0	С	16	10	30	1.37
1/L3	Stoves, toil Marked	et lighting	, boiler house - As	А	В		1.5	1	0.4	3871 MCB		2	6	10	N/A	5.20
2/L1	Canteen Li	ghts - As	Marked	А	В		1.5	1	0.4	3871 MCB		2	10	10	N/A	3.12
2/L2	Boiler Supp	oly		А	В	2021	1.5	1	0.4	3871 MCB		2	6	10	N/A	5.20
2/L3	Outside Lig	hting		А	В	2021	1.5	1	0.4	3871 MCB		2	6	10	N/A	5.20
3/L1	Emergency	Outside Lighting  Emergency Lighting - As Marked					1.5	1	0.4	3871 MCB		2	6	10	N/A	5.20
3/L2	Socket In e	entrance		А	В	2021	4	1.5	0.4	60898 MCB		С	16	10	N/A	1.37
3/L3	Alarm - As	Marked		А	В		2.5	1.5	0.4	3871 MCB		2	6	10	N/A	5.20
4/TP	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-
5/L1	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-
5/L2	FCU Co2 d	letector - /	As Marked	A	В		2.5	1.5	0.4	60898 MCB		С	6	10	N/A	3.64
5/L3	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-
6/L1	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-
6/L2	SPARE			-	-	-	-	-	-	-	-	-	-	-	-	-
6/L3	Sockets Ri	ng seating	g area.	A	В	2021	2.5x2	1.5x2	0.4	3871 MCB		2	32	10	N/A	0.97
Wirir	ng Code	е														
	A B					D		E		F	G		Н		0	
	A B  PVCcables PVC/PVC in metallic nor			PVC calc in non-met condu	allic	PVC cable in metallic trunking		PVC cab in non-meta trunkir	allic	PVC/SWA cables	XLPE/SWA cables		linsulated ables	C	ther	

SCHEE	OULE O	F CIRCU	IT TEST	S FOR T	THE INS	STALLA	TION				8	0346 - Ma	aster			
Board <sup>-</sup>	Tests															
		TO BE C	OMPLETED	IN EVERY	CASE				TES	ST INSTRU	JMENT	S (SERIAL N	UMBERS	) USED		
		arity confirme			equence co ppropriate)	nfirmed	N/A	Earth fau loop impedan	lt 101	291679		RCD		29167	9	
	DIR	MPLETED IF TECTLY TO T					ECTED	Insulation resistance	101	291679		Multi- functi	on N/A			
Zs 0.		2 lpf 3.2 associated R			I/A m	s		Continuit	у 101	291679		Other	N/A			
Circuit	Tests	Cina														
Circuit	Tests	Circ	cuit Impedan Ω	nces			Insul	ation resis	tance			Maximum	RC	D	ton	uo
Circuit Circuit number and phase	Rin (me	Circ g final circuits easure end to r <sub>n</sub> (Neutral)	Ω s only	All cir (At lea colu to be cor (R <sub>1</sub> + R <sub>2</sub> )	st one ımn	Test Voltage	Insul Live/ Live ΜΩ	Live/ Neutral MΩ	Live/ Earth ΜΩ	Earth/ Neutral MΩ	Polarity (v)	Maximum measured earth fault loop impedance Ω		Test button operation	AFDD Test button operation	Remarks see continuation
Circuit number and	Rin (me	g final circuits easure end to	Ω s only end)	All cir (At lea colu to be cor	st one ımn mpleted)		Live/ Live	Live/ Neutral	Live/ Earth	Neutral	Polarity (v)	measured earth fault loop impedance	RC (ms) N/A		AFDD Test button operation	Remarks S see continuation
Circuit number and phase	Rin (me	g final circuits easure end to r <sub>n</sub> (Neutral)	$\Omega$ s only end) $r_2$ (cpc)	All cir (At lea colu to be cor (R <sub>1</sub> + R <sub>2</sub> )	st one imn mpleted) (R <sub>2</sub> )	Voltage	Live/ Live MΩ	Live/ Neutral MΩ	Live/ Earth MΩ	Neutral MΩ	◆ Polarity (v)	measured earth fault loop impedance Ω	Disconnection Signature Signature	Test button operation	AFDD Test button operation	
Circuit number and phase	Rin (me	g final circuits easure end to r <sub>n</sub> (Neutral)	Ω s only end) $r_2 \text{ (cpc)}$ N/A	All cir (At lea colu to be cor (R <sub>1</sub> + R <sub>2</sub> )	st one imn mpleted) (R <sub>2</sub> ) N/A	Voltage N/A	Live/ Live MΩ N/A	Live/ Neutral MΩ N/A	Live/ Earth MΩ N/A	Neutral MΩ N/A		measured earth fault loop impedance Ω N/A	N/A Disconnection (s m) time	Z Test button S operation	AFDD Test button operation	NO
Circuit number and phase	Rin (me r <sub>1</sub> (Line) N/A	g final circuits easure end to  r <sub>n</sub> (Neutral)  N/A  N/A	s only end)  r <sub>2</sub> (cpc)  N/A  N/A	All cir (At lea colu to be cor (R <sub>1</sub> + R <sub>2</sub> ) N/A	st one umn mpleted) (R2) N/A N/A	Voltage N/A 500	Live/ Live MΩ N/A	Live/ Neutral MΩ N/A	Live/ Earth MΩ N/A	Neutral MΩ N/A		measured earth fault loop impedance Ω N/A	Disconnection  A/N  (s m)  (s m)	Y Z Test button	AFDD Test button operation	NO NO

Circuit number and phase	(me	g final circuits easure end to		All cii (At lea colu to be coi	st one imn mpleted)	Test Voltage	Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	Polarity (v)	measured earth fault loop impedance	Disconnection	Test button operation	AFDD Test but operation	Remarks see continuati sheet
		r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	$(R_1 + R_2)$	(R <sub>2</sub> )		ΜΩ	ΜΩ	ΜΩ	ΜΩ		Ω			₹	
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	0.44	N/A	N/A		NO
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/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	0.39	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	1.33	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	0.21	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/A	N/A	N/A		NO
4/TP	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
5/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/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
5/L3	-	-	1	-	-	-	ı	-	-	-	-	-	ı	1	-	-
6/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6/L2	-	-	-	-	-	-	ı	-	-	-	-	-	-	-	-	-
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

Tested By			
Signature		Position	Grade 1 Test Engineer
Name	Steven Davis	Date of testing	30/11/2021

Boar	d Detai	ls															
Т	O BE COI	MPLETE	D IN EVERY CASE	Ī	(	ONLY TO	O BE CO	MPLETE	D IF TH	E DISTR	IBUTION BOARD OF THE INSTALL		NECTED	DIRECT	LY TO T	HE ORIG	SIN
	ion of bution	Fisher	ies shed		d b	upply to istributio oard is f lo of pha	n S	SubMai				BS(EN	)	N/A	CD (if an	y)	
board	bution I nation	DB 7 F	Fisheries shed			vercurre		ctive devi			Rating 70	Poles A RCD R		N/A		n	nΑ
Circu	uit Deta	ils															
			_		<u>g</u>	poq	rved	Cir	cuit	р. <sub>С</sub>		Overcurrent p				RCD	(Ω)
Circuit number and phase		Circuit	designation		Type of wiring	Reference method	No of points served	Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max permitted disconnection times (s)	BS(EN)	AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (∆n)	Maximum permitted Zs $(\Omega)$
1/L1	Upstairs So	ckets			D	В	2021	2x2.5	135	0.4	60898 MCB		В	32	10	N/A	1.37
1/L2	Downstairs	Sockets			D	В	2021	2x2.5	135	0.4	60898 MCB		В	32	10	N/A	1.37
1/L3	Upstairs he	ater - As I	Marked		D	В		4	135	0.4	60898 MCB		В	20	10	N/A	2.19
2/L1	Upstairs heater/CCTV - As Marked SPARE				Α	В		2.5	1.5	0.4	60898 MCB		В	20	10	N/A	2.19
2/L2	SPARE				-	-	-	-	-	-	-	-	-	-	-	-	-
2/L3	SPARE				-	-	-	-	-	-	-	-	-	-	-	-	-
3/L1	SPARE Upstairs Lights				D	В	2021	1.5	135	0.4	60898 MCB		В	6	10	N/A	7.28
3/L2	Upstairs Sn	noke dete	ctor - As Marked		D	В		1.5	135	0.4	60898 MCB		В	6	10	N/A	7.28
3/L3	110V Trans	former			В	В	2021	6	6	0.4	60898 MCB		В	32	10	N/A	1.37
4/L1	Roller Shut	er fcu - A	s Marked		Α	С		2.5	1.5	0.4	60898 MCB		В	20	10	N/A	2.19
4/L2	SPARE				-	-	-	-	-	-	-	-	-	-	-	-	-
4/L3	SPARE				-	-	-	-	-	-	-	-	-	-	-	-	-
5/L1	Downstairs	smoke de	etector - As Marked		D	В		1.5	135	0.4	60898 MCB		В	6	10	N/A	7.28
5/L2	SPARE				-	-	-	-	-	-	-	-	-	-	-	-	-
5/L3	Corrosive to	oxic & dov	vnstairs lights		D	В	2021	1.5	135	0.4	60898 MCB		В	6	10	N/A	7.28
6/L1	SPARE				-	-	-	-	-	-	-	-	-	-	-	-	-
6/L2	Way Not Av	railable			-	-	-	-	-	-	-	-	-	-	-	-	-
6/L3	Way Not Av	ailable			-	-	-	-	-	-	-	-	-	-	-	-	-
Wirir	ng Code	) 															
	A B				С		D		E		F	G		Н		0	
	A B  PVC/PVC in metallic conduit			nor	/Ccables in n-metall conduit		PVC cable in metallic trunking		PVC cab in non-meta trunkin	allic	PVC/SWA cables	XLPE/SWA cables		l insulated ables	0	ther	

Board 7	ests																
		TO BE C	_	IN EVERY	CASE			-	TE	ST INSTRU	JMENT	S (SER	IAL NU	MBERS	) USED		
		arity confirme			equence co ppropriate)		N/A	Earth fau		70068		4	RCD	2170	1068		
	O BE CON	/PLETED IF	THE DISTR				ECTED	impedan Insulation	ce				Multi-		,000		
Zs 0.		ECTLY TO T			STALLATIO	UN		resistand		70068			functio				
		associated R			I/A m	ıs		Continuit	у 21	70068			Other	N/A			
Details	of circu	ıits and/oı	r equipm	ent vuln	erable t	o dama	ge										
N/A																	
Circuit	Tests																
		Circ	cuit Impedar Ω				Insu	lation resis	tance			Maxir	mum	RC	D	tton	lo
Circuit number and phase	(me	g final circuits	end)	All cir (At lea colu to be cor	st one ımn mpleted)	Test Voltage	Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	Polarity (v)	measi earth loo impeda	ured fault pp ance	Disconnection (sm)	Test button operation	AFDD Test button operation	Remarks see continuation sheet
1/L1	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(R <sub>1</sub> + R <sub>2</sub> )	(R <sub>2</sub> )	500	MΩ N/A	MΩ N/A	MΩ 299	MΩ N/A		0.3		Ö(ms)	N/A	4	NO
											✓						
1/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	✓	0.3		N/A	N/A		YES
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/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	A	N/A	N/A		NO
2/L2	-	-	-	-	ı	-	-	-	-	-	-	-		-	-	1	-
2/L3	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
3/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.4	1	N/A	N/A		NO
3/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	A	N/A	N/A		NO
3/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.3	10	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	A	N/A	N/A		NO
4/L2	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
4/L3	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
5/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	A	N/A	N/A		NO
5/L2	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
5/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.3	8	N/A	N/A		NO
6/L1	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
6/L2	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
6/L3	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
Tested	Ву																
Signa	ture			1 m				Position		Test En	ginee	r					
Name	•	Richa	rd Johns					Date of testing		30/11/2	021						

Boar	rd Detai	ils															
Т	O BE CO	MPLETE	ED IN EVERY CASE		ONLY TO	O BE CC	MPLETE	D IF TH	E DISTRI	IBUTION BOARI OF THE INSTAI			NECTED	DIRECT	LY TO T	HE ORIC	SIN
Locati	ion of	Fisher	ries shed		Supply to		SubMai	ine/DR	Main	1/TD)	-1		Asso	ciated R0	CD (if an	y)	
	bution			l k	distributio board is f	from:						BS(EN	)	N/A			
				_	No of pha		3			I Voltage 400	V	RCD N Poles	o of	N/A			
Distrib board	i	DB6								Pating 70			-tina				
	nation				Type BS(	EN)	60947-2	2 MCC	В	Rating 70	Α	RCD R	ating	N/A			nA
	uit Deta	ils			8	<del>p</del>					Over	current p				RCD	$\widehat{\mathbf{z}}$
Circuit number and phase				wiring	Reference method	No of points served		rcuit tors csa	Max permitted disconnection times (s)			device	•		# <del>Q</del>		Maximum permitted Zs (᠒)
ircuit numb and phase		Circuit o	designation	Type of wiring	rence	point	Live	cnc	Max permitted disconnection times (s)	BS(EN)		AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (∆n)	ximun
į į				, F	Refe	No of	mm <sup>2</sup>	cpc mm <sup>2</sup>	Ma dis					Rati	Shor	Ope	Ma
1/L1	Workshop I	Lighting		D	В	2021	1.5	1	0.4	3871 MCB			2	10	9	N/A	3.12
1/L2	Ground Flr	Store Ligh	ıting	D	В	2021	1.5	1	0.4	3871 MCB			2	10	9	N/A	3.12
1/L3	Workshop,	Mess & ou	utside lights - As Marke	ed D	В		1.5	1	0.4	3871 MCB			2	10	9	N/A	3.12
2/L1	Outside Lig	hts PIR - /	As Marked	D	В		1.5	1	0.4	3871 MCB			2	10	9	N/A	3.12
2/L2	Mezz Floor	Lights - A	s Marked	D	В		1.5	1	0.4	3871 MCB			2	16	9	N/A	1.95
2/L3	Fie Store -	Mezz Flr li	lights - As Marked	D	В		1.5	1	0.4	3871 MCB			2	16	9	N/A	1.95
3/L1	Not Marked	For Duty		D	В		2.5	1	0.4	3871 MCB			2	16	9	N/A	1.95
3/L2	Way Not Av	vailable		-	-	-	-	-	-	-		-	-	-	-	-	-
3/L3	Way Not Av	vailable		-	-	-	-	-	-	-		-	-	-	-	-	-
4/TP	Sub Mains(	(DB EV)		D	В	2021	6	6	0.4	60898 MCB	3		С	40	10	N/A	0.55
5/L1	Way Not Av	vailable		-	-	-	-	-	-	-		-	-	-	-	-	-
5/L2	Ground Flo	or Store S	ockets	D	В	2021	2x2.5	2x2.5	0.4	3871 MCB			2	32	9	N/A	0.97
5/L3	Sockets Sto	ores 1 & 2		D	В	2021	2x2.5	2x2.5	0.4	60898 MCB	3		В	32	6	N/A	1.37
6/L1	Water Qual	lity externa	al 16A skt	D	В	2021	6	6	0.4	60898 MCB	3		В	32	6	30	1.37
6/L2	Air compres	ssor - As N	/Jarked	G	С		2.5	2.5	0.4	3871 MCB			2	16	9	N/A	1.95
6/L3	Outside PIF	R light		D	В	2021	2.5	2.5	0.4	3871 MCB			2	10	9	N/A	3.12
7/L1	Workshop I	Lights - As	Marked	D	В		1.5	1	0.4	3871 MCB			2	10	9	N/A	3.12
7/L2	Workshop I	Fridge Sto	ore Lights - As Marked	D	В		1.5	1	0.4	3871 MCB			2	10	9	N/A	3.12
7/L3	Drying Roo	m Heater	- As Marked	D	В		2.5	2.5	0.4	3871 MCB			2	16	9	N/A	1.95
8/L1	Way Not Av	vailable		-	-	-	-	-	-	-		-	-	-	-	-	-
8/L2	Recycle Sto	ore Extrac	tor - As Marked	D	В		1.5	1.5	0.4	3871 MCB			2	10	9	N/A	3.12
8/L3	Fridge Store	e Heater-	As Marked	D	В		2.5	1.5	0.4	3871 MCB			2	16	9	N/A	1.95
9/TP	Way Not Av	vailable		-	-	-	-	-	-	-		-	-	-	-	-	-
10/TP	Car Charge	er		G	С	2021	16	16	0.4	60898 MCB	3		С	50	10	30	1667
Wirir	ng Code	е															
	<b></b> /	Ą	В	С		D		E		F		G		Н		0	7
			PVC cables	PVC cable		PVC cable		PVCcabl	laa								-
		/PVC oles	in metallic	in non-metal		in metallic		in non-meta		PVC/SWA cables		E/SWA ables		linsulated ables	0	ther	
	Jun	165	conduit	conduit		trunking	- I	trunkin	I	Capies	<b>с.</b>	ibica	_ ~	abics			
																	_

COLICE	JULL O	Circo	II ILOI	o i oit		JIALLA	IIIOIN				O	00-10	- IVIA	BLCI			
Board '	Tests																
		TO BE C	OMPLETE	) IN EVERY	CASE				TE	ST INSTRU	IMENIT	S (SERI	ΔΙ ΝΙΙΙ	MRERS	LISED		
Correct	supply pola	arity confirme	d 🗸		equence co		N/A			.ST INSTIN	JIVILIN I	o (olivi	AL NO	WIDEIX3)	OSLD		
Sı	upplementa	ary Conductor	rs 🗸	(where a	ppropriate)	_	IN/A	Earth fau	21	70068		F	RCD	2170	0068		
ONLY T		IPLETED IF					ECTED	impedan Insulation					Multi-				
		ECTLY TO T			ISTALLATI	ON		resistano		70068			function	N/A			
Zs 0.		2 Ipf 4.8 associated F			Ι/Δ	ns		Continuit	ty 21	70068		(	Other	N/A			
		its and/o					ge.										
	OI CIICC	iits ariu/o	equipii	ient vain	erable t	o dama	ge										
N/A																	
Circuit	Tests										i						
		Circ	cuit Impeda Ω	nces			Insu	lation resis	tance			Maxin		RCI	D	ton	uo
Circuit number	Rin	g final circuits	s only		rcuits ist one						(S)	measu	ıred	Disconnection (s) time	Lo L	AFDD Test button operation	Remarks see continuation sheet
and phase	(me	easure end to	end)		ımn mpleted)	Test Voltage	Live/ Live	Live/ Neutral	Live/ Earth	Earth/ Neutral	Polarity (	earth f	р	ime	Test button operation	D Te	Rem cont
·	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(R <sub>1 + R<sub>2)</sub></sub>	(R <sub>2</sub> )		MΩ	ΜΩ	ΜΩ	ΜΩ		impeda Ω		Ö(ms)	Tes	AFD	see
1/L1	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
1/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.42	2	N/A	N/A		NO
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/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/A		N/A	N/A	_	NO
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	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	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
3/L3	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
4/TP	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.1	1	N/A	N/A		NO
5/L1	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
5/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.55	5	N/A	N/A		YES
5/L3	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	0.39	9	N/A	N/A		YES
6/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	· ·	0.32	2	30/8	1		NO
6/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<b>V</b>	N/A	\	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		0.49	9	N/A	N/A		NO
7/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
7/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
7/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	١	N/A	N/A		NO
8/L1	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
8/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
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	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
10/TP	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	1	150	)	26/7	1		YES
Tested	Bv																
Signa				en_				Positior		Test En	ainaa	ır					
												·1					
Nam	е	Richa	rd Johns					Date of testing		30/11/2	021						

Boar	d Deta	ls																
Т	O BE COI	MPLETE	D IN EVERY CAS	E	(	ONLY T	O BE CO	MPLETE	D IF THI	E DISTR	IBUTION BOARD OF THE INSTAL			NECTED	DIRECT	LY TO T	HE ORIO	SIN
Locati Distrib Board	oution	Fisher	ies shed		d b	upply to istribution oard is to o of pha	on Grom:	SubMa			1/TP) I Voltage 400	V	BS(EN)	)	N/A	CD (if an	y)	
Distrib board desigr		DB6				vercurr		ctive devi			Rating 70	А	Poles RCD R		N/A		n	nΑ
Circu	uit Deta	ils																
					бı	thod	rved	Cir	cuit	p u		Over	current pi device	rotective			RCD	(Ω)
Circuit number and phase		Circuit o	designation		Type of wiring	Reference method	No of points served		cpc mm <sup>2</sup>	Max permitted disconnection times (s)	BS(EN)		AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (∆n)	Maximum permitted $Zs\left(\Omega\right)$
11/L1	Workshop S	Sockets by	/ DB		D	В	2021	2x2.5	2x2.5	0.4	3871 MCB			2	32	9	N/A	0.97
11/L2	1st Floor Fi	e Store so	ockets		D	В	2021	2x2.5	2x1.5	0.4	3871 MCB			2	32	9	N/A	0.97
11/L3	Heating Co	ntactor - A	As Marked		D	В		6	6	0.4	3871 MCB			2	32	9	N/A	0.97
12/TP	Way Not Av	ailable			-	-	-	-	-	-	-		-	-	-	-	-	-
Wirin	ig Code																	
	F		С		D		Е		F		G		Н		0			
	A B  PVC/PVC ables in metallic conduit				VC cable in on-metall conduit		PVC cable in metallic trunking		PVC cabl in non-meta trunkin	allic	PVC/SWA cables		E/SWA ables		linsulated ables	C	ther	

Board 7	Cests															
		TO BE CO	OMPLETED	O IN EVERY	CASE				TE	OT INICTOL	'A 4E NIT	C (CEDIAL N	LIMPERC	LICED		
Correct s	supply pola	arity confirmed	_		equence co	nfirmed	-1/4	-		STINSTRU	JMENI	S (SERIAL N	UMBEK5	) USED		
		ary Conductor			ppropriate)		N/A	Earth fau		70068		RCD	2170	ากคล		
		APLETED IF 1		IBUTION BO	OARD IS N	OT CONN	ECTED	impedan	ce	70000				1000		
	DIR	RECTLY TO TI	HE ORIGIN					Insulation resistance		70068		Multi- function	on N/A			
Zs 0.1								Continuit	y 21	70068		Other	N/A			
		associated R														
	of circu	uits and/or	equipm	ient vuln	erable to	o damaç	ge									
N/A																
Circuit 7	Tests															
Circuit number and phase  Circuit Impedances Ω  All circuits (At least one column to be completed)  T1 (Line)   Tn (Neutral)   T2 (cpc)   (R1 + R2)   (R2)    Circuit number and phase   Circuits only (At least one column to be completed)   Test   Live   Live   Live   Live   Earth   Neutral   Earth   Neutral   Live   Neutral   Test   Live   Neutral   Neut															E	
	Pin	final sirouite									3		uo	_	butte	Remarks see continuation sheet
and		g final circuits easure end to		colu	ımn	Test	Live/	Live/	Live/	Earth/	olarity	earth fault loop	necti	outtor	D Test bu	cemar contin
phase	r. (Lino)	r <sub>n</sub> (Neutral)	"- (ana)	to be cor	·	Voltage	Live	Neutral	Earth	Neutral	P	impedance	iscon	Test button operation	VFDD o	see o
11/L1	r <sub>1</sub> (Line)	N/A	r <sub>2</sub> (cpc)	(R <sub>1</sub> + R <sub>2</sub> )	(R <sub>2</sub> )	500	MΩ N/A	MΩ N/A	MΩ 299	MΩ N/A		Ω 0.43	□(ms) N/A	N/A	4	YES
	N/A		N/A		N/A	500	N/A		299		✓			N/A		
11/L2		N/A		N/A				N/A		N/A	✓	0.38	N/A			YES
11/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
12/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
										+						
										+						
							<del>                                     </del>									
			<u> </u>		<u> </u>		<u> </u>			<u> </u>						
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Tested	By															
							43	Desition		Таа4 Га						-
Signa	lure			l'a				Position		Test En	ginee	<b>:</b> r				
Name	<b>)</b>	Richa	rd Johns					Date of testing		30/11/20	021					

Boar	d Detai	ls																
Т	O BE COM	MPLETE	D IN EVERY CAS	E	(	ONLY T	O BE CO	MPLETE	D IF THI	E DISTR	IBUTION BOARE OF THE INSTAL			NECTED	DIRECT	LY TO T	HE ORIC	SIN
Locat Distrib Board Distrib	oution I	A GATE	DB		d b N	Supply to distribution SubMains(DB 3C (UPS), 2/L1) board is from:  No of phases 1 Nominal Voltage 230 V  Overcurrent protective device for the distribution circuit					BS(EN RCD N Poles	RCD No of NI/A			CD (if any)			
board desig		GATE	DB		Т	ype BS	EN) (	50898 I	мсв в		Rating 20	А	RCD R	ating	N/A		n	ıΑ
_	uit Deta	ile																
	ait Deta	II S		П	D	poq	, ved	Cir	cuit	<u>ہ</u> د		Over	current p	rotective			RCD	(Ω)
Circuit number and phase			designation		Type of wiring	Reference method	No of points served	Live mm <sup>2</sup>		Max permitted disconnection times (s)			AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (△n)	Maximum permitted Zs $(\Omega)$
1/L1	Supply to ga	ate - As M	arked		G	D		2.5	2.5	0.4	60898 MCB			С	10	10	N/A	2.19
	Socket Adj	to DB			D	В	2021	2.5	2.5	0.4	61009 RCD/RC	ВО		В	16	10	30	2.73
3/L1	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-
4/L1	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-
				4														
				_														
				_														
				$\dashv$														
				_														
				$\dashv$														
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				+														
				$\dashv$														
				$\dashv$														
Wirir	ng Code	)																
	A		В		С		D		E		F		G		Н		0	
	PVC/ cab		PVC cables in metallic conduit	no	VC cables in on-metall conduit		PVC cable in metallic trunking		PVC cabl in non-meta trunkin	allic	PVC/SWA cables		PE/SWA ables		insulated ables	0	ther	

Board 7	Tests															
Doen a	0010	TO BE CO	OMPLETED	O IN EVERY	CASE				TE	CT INOTOL	** 4ENIT	O (OEDIAL N	. II ADEDO	,oed		
Correct	supply pola	arity confirmed	d 🗸	Phase se	equence co	nfirmed	1/4			SIINSIKU	JMENT	S (SERIAL N	UMBERS	) USED		
		ary Conductor			ppropriate)		N/A	Earth fau		70068		RCD	2170	ากคล		
		MPLETED IF 1		IBUTION BO	OARD IS N	OT CONN	ECTED	impedan	ice	70000				1000		
		ECTLY TO T		OF THE IN	STALLATIO	NC		Insulation resistance		70068		Multi- function				
Zs 0.8								Continuit	ty 21	70068		Other	N/A			
		associated R														
	of circu	iits and/or	equipm	ent vuln	erable to	o dama	ge									
N/A																
Circuit	Tests															
		Circ	cuit Impedan Ω	ices			Insu	lation resis	tance				RCI	D	E	
Circuit	D:	<b>.</b>		All cir							3	Maximum measured		_	AFDD Test button operation	Remarks see continuation sheet
number and	(me	g final circuits easure end to	end)	(At leas	umn	Test	Live/	Live/	Live/	Earth/	Polarity (v)	earth fault loop	necti	outtor	D Test bu	temar contin shee
phase	r. (Lina)	r <sub>n</sub> (Neutral)	T. (202)	to be con		Voltage	Live	Neutral	Earth	Neutral	P	impedance	Disconnection time	Test button operation	VFDD ol	see o
1/L1	N/A	N/A	r <sub>2</sub> (cpc)	(R <sub>1</sub> + R <sub>2</sub> )	(R <sub>2</sub> )	N/A	MΩ N/A	MΩ N/A	MΩ N/A	MΩ N/A		Ω N/A	∩(ms) N/A	N/A	4	NO
2/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	✓	0.86	29/15	1		NO
3/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Tested	Ву															
Signa	ture			l'a	=			Position	า	Test En	ginee	r				
Name	)	Richa	rd Johns	,				Date of testing		01/12/2	021					
		21.75						lesting			_			_		

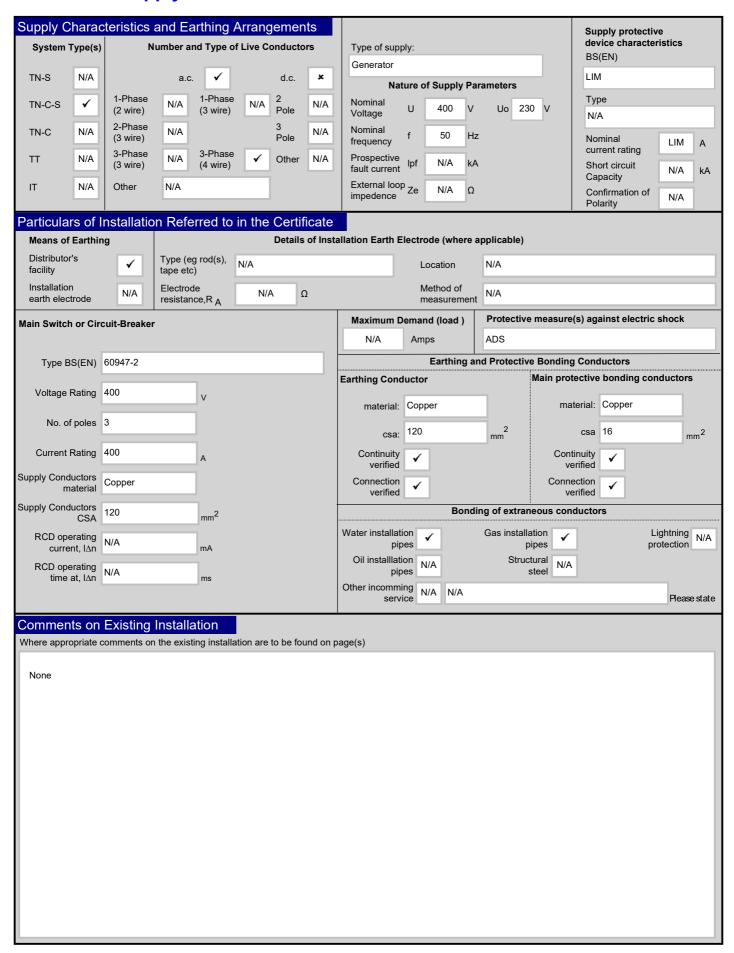
Boar	d Deta	ils																
Т	O BE CO	MPLETE	D IN EVERY CAS	E	(	ONLY T	O BE CO	MPLETE	D IF THE	E DISTR	IBUTION BOARD			NECTED	DIRECT	LY TO T	HE ORIO	SIN
	ion of	Fisher	ies Shed		di	Supply to distribution SubMains(DB6, 4/TP) board is from:						Associated RCD (if any)						
Board						oard is f o of pha		3		Nomina	l Voltage 400	v	BS(EN) N/A					
Dietril	hti.a.m					F							RCD N Poles	o of	N/A			
board	bution I nation	DB EV	/		T	ype BS(	EN) (	80898	исв с	;	Rating 40	А	RCD R	ating	N/A		n	nΑ
	uit Deta	ils																
	art Dote	1110			Вu	thod	erved	Cir	cuit	on on		Over	current po	rotective			RCD	(Ω)
Circuit number and phase			designation		Type of wiring	Reference method	No of points served	Live mm <sup>2</sup>	cpc mm <sup>2</sup>	Max permitted disconnection times (s)	BS(EN)		AFDD	Туре	Rating (A)	Short circuit capacity (kA)	Operating current (⊠n)	Maximum permitted Zs $(\Omega)$
1/L1	Car Chargi	ng Point 1			G	D	2021	6	6	0.4	60898 MCB	1		С	32	10	30	0.68
1/L2	Car Chargi	ng Point 1			G	D	2021	6	6	0.4	60898 MCB	-		С	32	10	30	0.68
1/L3 2/TP	SPARE SPARE			$\perp$	-	-	-	-	-	-	-		-	-	-	-	-	-
2/12	SPARE				-	-	-	-	-	-	-		-	-	-	-	-	-
				$\dashv$														
				$\dashv$														
Wirir	ng Cod	e																
		۸	В		С		D		E		F		G		Н		0	
		/PVC bles	PVC cables in metallic conduit	no	VC cables in n-metalli conduit		PVC cable in metallic trunking		PVC cabl in non-meta trunkin	allic	PVC/SWA cables		Æ/SWA ables		insulated	0	ther	

Board 7	Tests .															
Doen a	00.0	TO BE CO	OMPLETED	O IN EVERY	CASE				TE	OT INOTEL	** 4E NIT	O (OEDIAL N	. II ADEDO	,oed		
Correct s	supply pola	arity confirmed	d 🗸	Phase se	equence co	nfirmed	1/4			SIINSIK	JMENT	S (SERIAL N	UMBERS	) USED		
		ary Conductors			ppropriate)		N/A	Earth fau		70068		RCD	2170	ากคล		
		MPLETED IF T		IBUTION BO	OARD IS N	OT CONN	ECTED	impedan	ice	70000				1000		
		ECTLY TO TI		OF THE IN	STALLATIO	NC		Insulation resistance		70068		Multi- function				
Zs 0.1								Continuit	ty 21	70068		Other	N/A			
		associated R														
	of circu	iits and/or	equipm	ent vuln	erable to	o dama	ge									
N/A																
Circuit 7	Tests															
		Circ	cuit Impedan Ω	ices			Insul	lation resist	tance				RCI	D	5	_
Circuit				All cir						T	3	Maximum measured	- E	_	AFDD Test button operation	Remarks see continuation sheet
number and	(me	g final circuits easure end to	end)	(At leas	ımn	Test	Live/	Live/	Live/	Earth/	Polarity (v)	earth fault loop	necti	outtor	D Test bu	emar contin shee
phase	41: >	<b>A</b> 1 1 0		to be con	·	Voltage	Live	Neutral	Earth	Neutral	Po	impedance	Disconnection time	Test button operation	FDD A	See o
4/1.4	r <sub>1</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	(R <sub>1</sub> + R <sub>2</sub> )	(R <sub>2</sub> )	500	ΜΩ	ΜΩ	MΩ 299	ΜΩ		Ω	18/19		٩	YES
1/L1							N/A	N/A		N/A	✓	0.20		✓		
1/L2	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A	✓	0.20	18/18	✓		YES
1/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Tested	Ву															
Signa	ture			l'a	=			Position	1	Test En	ginee	r				
Name	)	Richa	rd Johns					Date of testing		30/11/2	021					

Boar	d Details														
Т	O BE COMPI	LETED IN EVERY CASE		ONLY TO	O BE CO	MPLETE	D IF THI	E DISTR	RIBUTION BOARD IS OF THE INSTALL		NECTED	DIRECT	LY TO T	HE ORIG	SIN
Locat Distrib Board Distrib board design	oution Cu Sv	ew electric pboard adj to vitchroom. Above / DB	b N	Supply to distribution board is from:  No of phases 3 Nominal Voltage 400 V  Overcurrent protective device for the distribution circuit  Type BS(EN) N/A N/A Rating N/A A RCD Rating 100											
Circu	uit Details								,						
Circuit number and phase	Ci	rcuit designation	Type of wiring	Reference method	No of points served	Cir conduct Live mm <sup>2</sup>	cuit tors csa cpc mm <sup>2</sup>	Max permitted disconnection times (s)	BS(EN)	Overcurrent p device AFDD	Type	Rating (A)	Short circuit capacity (kA)	Operating Socurrent (Mn)	Maximum permitted Zs (Ω)
1/TP	PV invertor1 - A	As Marked	G	D		16	16	5	60898 MCB		С	40	10	30	0.55
2/TP	PV Invertor 2 -	As Marked	G	D		16	16	5	60898 MCB		С	40	10	30	0.55
3/L1	Socket Below for	or Metering	D	В	2021	2.5	2.5	0.4	60898 MCB		В	16	10	100	2.73
3/L2	SPARE		-	-	-	-	-	-	-	-	-	-	-	-	-
3/L3	SPARE		-	-	-	-	-	-	-	-	-	-	-	-	-
4/TP	SPARE							-							
Wirir	ng Code														
	PVC/PVC cables		PVC cable in non-metal conduit		D PVC cable in metallic trunking		E PVC cabl in non-meta trunkin	allic	F PVC/SWA cables	G XLPE/SWA cables	Minera	H I insulated		O	

Board <sup>-</sup>	Tests															
		TO BE C	OMPLETED	) IN EVERY	CASE					OT INICTOL	INACNIT	S (SERIAL N	LIMPEDO	) LICED		
Correct	supply pola	arity confirme	d 🗸	Phase se	equence co	nfirmed	N/A			SIINSIKU	JIVIEN I	S (SERIAL IN	UMBEKS	) USED		
Su	ıpplementa	ry Conductor	s 🗸		ppropriate)		N/A	Earth fau		70068		RCD	2170	1068		
	O BE COM	PLETED IF	THE DISTR				ECTED	impedan	ce			NA. Jti		000		
		ECTLY TO T			ISTALLATI	ON		Insulation resistance		70068		Multi- functi				
Zs 0.0					0			Continuit	Continuity 2170068 Other N/A							$\neg$
		associated R				ns										
	of circu	its and/o	r equipm	nent vuln	erable t	o dama	ge									
N/A																
Circuit	Tests															
		Circ	uit Impedar Ω	nces			Insu	lation resis	tance				RC	D	uo	n
Circuit number	Rin	g final circuits			rcuits ist one						3	Maximum measured	L O	_	AFDD Test button operation	Remarks see continuation sheet
and		easure end to		colu	ımn	Test	Live/	Live/	Live/	Earth/	Polarity (v)	earth fault loop	me	Fest buttor operation	D Test bu	Sema contir shee
phase	r <sub>4</sub> (Line)	r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	to be co	(R <sub>2</sub> )	Voltage	Live MΩ	Neutral MΩ	Earth MΩ	Neutral MΩ	۵	impedance $\Omega$	Disconnection (sm time	Test button operation	AFDC o	see
1/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	□(ms) 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/L1	N/A	N/A	N/A	N/A	N/A	500	N/A	N/A	299	N/A		0.10	N/A	N/A		NO
	IN/A	IN/A	IN/A	IN/A	IN/A	500	IN/A	IN/A	299	IN/A	✓	0.10	IN/A			NO
3/L2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
3/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
														L		
Tested	Ву															
Signa				ln_				Position	1	Test En	ginee	r				
		5: :	,					Date of								
Name	9	Richa	rd Johns					testing		01/12/2	U21					

# **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 Main Building & Canteen & fisheriers Shed) (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.
- i. 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 perform Line to Earth Insulation tests across voltage sensitive circuits or circuits that were

unable to be de-energised during the inspection.

- 4 Unable to operate main Switch For Function test Please See Operational Limitation 2.
- 5 Unable to inspect accessories located behind large Furniture or Stored materials
- 6 DB6 circuits 11L2 & 12L2 are unable to be de-energised at the clients request due to powering comms/servers supplies.
- 7- DB3A Circuit circuit 4 unable to isolate internal phone system due to clients requirement.
- -8 DB3B Server unable to access sockets mounted under the flooring.

General condition of the installations (In terms of electrical safety). Continued, from page	General conditi	on of the installations	(In terms of electrical safet	v). Continued, from page
----------------------------------------------------------------------------------------------	-----------------	-------------------------	-------------------------------	--------------------------

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.

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 53 % 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
3	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 conductor connection to incoing 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 reg 541.1.3.3	
4	5.0 FINAL CIRCUITS 5.1 Identification of conductors (514.3.1), Comment: DB3A - Circuit 2 - 4 core SWA cable	C2
	has been used to supply the gate DB - the black core has 48v present to earth at the Gate DB. the core has	
	been placed inside a choc block inside DB3A and not terminated to earth.	
5	4.0 CONSUMER UNIT(S) / DISTRIBUTION BOARD(S) 4.3 Condition of enclosure(s) in terms of IP rating etc.	C2
	(416.2), Comment: DB4 does not conform to IP4X requirement for the top of Distribution Equipment.	
6	5.0 FINAL CIRCUITS 5.4.1 To include the integrity of conduit and trunking systems (metallic and plastic),	C3
	Comment: DB EP switchroom - Metal Trunking has multiple 20mm hole present.	
7	DB 2 New Cupboard_ 2/L2_ Ect room o/s sockets_ Excessive Earth Loop Impedance	C3
8	4.0 CONSUMER UNIT(S) / DISTRIBUTION BOARD(S) 4.10 Presence of RCD six-monthly test notice at or near	C3
	consumer unit/distribution board (514.12.2), Comment: Absence of RCD test/warning notice at or near	
	equipment where required	
9	5.0 FINAL CIRCUITS 5.12.1 For all socket-outlets of rating 32 A or less, unless an exception is permitted	C3
	(411.3.3), Comment: Absence of RCD protection for all socket-outlets with a rated current not exceeding 32A	
10	5.0 FINAL CIRCUITS 5.12.3 For cables concealed in walls at a depth of less than 50 mm (522.6.202;	C3
	522.6.203), Comment: Absence of RCD protection for all cables installed at a depth of less than 50mm from a	
	surface of a wall or partition where the cables do not incorporate an earthed metallic covering, are not enclosed	
	in earthed metalwork, or are not mechanically protected against nails and the like.	
11	5.0 FINAL CIRCUITS 5.12.4 For cables concealed in walls/partitions containing metal parts regardless of depth	C3
	(522.6.203), Comment: Absence of RCD protection for all cables concealed in walls / partitions containing metal	
	parts regardless of depth.	
12	6.0 LOCATION(S) CONTAINING A BATH OR SHOWER 6.1 Additional protection for all low voltage (LV) circuits	C3
	by RCD not exceeding 30 mA (701.411.3.3), Comment: Absence of RCD protection for all circuits within location	
	containing a bath or shower.	
1		

## 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

#### Page 3/4 Special Location Details

SECTION 712 SOLAR PHOTOVOLTAIC (PV) POWER SUPPLY SYSTEMS - BS7671 Section 712 was consulted and the relevant areas of the installation subject to the test and inspection within the scope of this report were checked for compliance with the associated Regulations.

SECTION 722 ELECTRIC VEHICLE CHARG NG INSTALLATIONS -BS7671 Section 722 was consulted and the relevant areas of the installation subject to the test and inspection within the scope of this report were checked for compliance with the associated Regulations.

OUTDOOR LIGHTING INSTALLATIONS BS7671 Section 714 was consulted and the relevant areas of the installation subject to the test and inspection within the scope of this report were checked for compliance with the associated Regulations

#### DB 7 Fisheries shed, 1/L2, Downstairs Sockets - Remarks

RCD SKT 1 - Operating Time of Associated RCD S/O 1 x @30mA -9 ms and 5 x @150mA -9 ms Operation of test Button function pass

RCD SKT 2 - Operating Time of Associated RCD S/O 1 x @30mA - 29ms and 5 x @150mA –18 ms Operation of test Button function Pass

RCD SKT 3 - Operating Time of Associated RCD S/O 1 x @30mA - 18ms and 5 x @150mA - 18ms Operation of test Button function Pass

RCD SKT 4 - Operating Time of Associated RCD S/O 1 x @30mA - 29ms and 5 x @150mA - 18ms Operation of test Button function Pass

### DB6, 5/L2, Ground Floor Store Sockets - Remarks

RCD SKT 1 - Operating Time of Associated RCD S/O 1 x @30mA -18 ms and 5 x @150mA - 18ms Operation of test Button function Pass

### DB6, 5/L3, Sockets Stores 1 & 2 - Remarks

RCD SKT 1 - Operating Time of Associated RCD S/O 1 x @30mA -29 ms and 5 x @150mA -9 ms

RCD SKT 2 - Operating Time of Associated RCD S/O 1 x @30mA -28 ms and 5 x @150mA -9 ms

RCD SKT 3 - Operating Time of Associated RCD S/O 1 x @30mA - 28ms and 5 x @150mA -8 ms

RCD SKT 4 - Operating Time of Associated RCD S/O 1 x @30mA - 29ms and 5 x @150mA -8 ms

RCD SKT 5 - Operating Time of Associated RCD S/O 1 x @30mA -28 ms and 5 x @150mA - 28ms

### DB6, 10/TP, Car Charger - Remarks

This Circuit has been converted to TT earthing arrangement at point of the Car Charger.

## DB6, 11/L1, Workshop Sockets by DB - Remarks

RCD SKT 1 - Operating Time of Associated RCD S/O 1 x @30mA -28 ms and 5 x @150mA -28 ms Operation of test Button function Pass

RCD SKT 2 - Operating Time of Associated RCD S/O 1 x @30mA - 39ms and 5 x @150mA - 19ms Operation of test Button function Pass

RCD SKT 3 - Operating Time of Associated RCD S/O 1 x @30mA - 38ms and 5 x @150mA - 18ms Operation of test Button function Pass

RCD SKT 4 - Operating Time of Associated RCD S/O 1 x @30mA - 18ms and 5 x @150mA - 18ms Operation of test Button function Pass

RCD SKT 5 - Operating Time of Associated RCD S/O 1 x @30mA -37 ms and 5 x @150mA -19 ms Operation of test Button function Pass

RCD SKT 6 - Operating Time of Associated RCD S/O 1 x @30mA - 37ms and 5 x @150mA –19 ms Operation of test Button function Pass

#### DB6, 11/L2, 1st Floor File Store sockets - Remarks

RCD SKT 1 - Operating Time of Associated RCD S/O 1 x @30mA -18 ms and 5 x @150mA -8 ms Operation of test Button function Pass

RCD SKT 2 - Operating Time of Associated RCD S/O 1 x @30mA - 9ms and 5 x @150mA -9 ms Operation of test Button function Pass

RCD SKT 3 - Operating Time of Associated RCD S/O 1 x @30mA -18 ms and 5 x @150mA - 18ms Operation of test Button function Pass

RCD SKT 4 - Operating Time of Associated RCD S/O 1 x @30mA - 18ms and 5 x @150mA - 18ms Operation of test Button function Pass

## DB EV, 1/L1, Car Charging Point 1 - Remarks

Open PEN fault detection device in place

### DB EV, 1/L2, Car Charging Point 1 - Remarks

Open PEN fault detection device in place

## CONDITION REPORT GUIDANCE FOR RECIPIENTS

(to be appended to the Report)

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

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