ELECTRICAL INSTALLATION CONDITION REPORT





APPROVED CONTRACTOR

Client:	CRISIS UK	Purpose for which this report is required:
Address:	66 Commerical Street	Electrical Installation Condition Report
	London	Dates(s) on which
	E1 6LT	inspection and testing were 31/01/2016 carried out:
Installation:	Crisis Uk (Newcastle)	Description of premises: Estimated age of wiring system: 26 years
Occupier:	Crisis Uk	wing system.
Address:	City House	Evidence of alterations If yes,
	1 City Road	or additions: estimated Age
	Newcastle upon Tyne	Records of installaton Date of previous inspection:
	NE1 2AF	
Records held by:	NOT KNOWN	Previous Certificate or Report No: NOT KNOWN
	per circuit accessories removed. Cables in voids/ceilings o	or fabric of the building not inspected
Agreed with CLIENT		
	Limitations including the reasons (See page No N/A)	
N/A		
The inspection	on and testing detailed in this report and accompanying schedule	es have been carried out in accordance with BS 7671:2008 (IET Wiring Regulations) as
amended to	July 2015	
have NOT be		floors, in roof spaces, and generally within the fabric of the building or underground, aspector prior to the inspection. An inspection should be made within an accessible roof
General con	dition of the installations (in terms of electrical safety):	
UNSATISFA	ACTORY	
	ssment of the installation in terms of its suitability for continued	
	actory' assessment indicates that dangerous (CODE C1) and/or po ' without delay (FI) is required.	otentially dangerous (CODE C2) conditions have been identified, or that 'Further

Referring to the attached schedules of inspection and test results, and subject to the limitations specified at the Extent and Limitations of the Inspection and testing section

No remedial action is required N/A

The following observations are made

Item No	No Observations Code												
1	Cafe - Kitchen Socket have a lot of loading >32a potent	tially		C2									
2	Cafe - Coffee machine plugged into extension along wi		liances	C3									
3	Cafe - Accessories from pre refit could be blanked off s			C3									
4	Cafe - Socket within 400mm of sink			C2									
5	Cafe - Grill is too close to sink, needs resiting (Plug in s	o just moving to a diffe	rent outlet)	C2									
6	Cafe - Aircon could not be located			C3									
7	Cafe - Hob/oven & grill rely on conduit for CPC			N/A									
8	Cafe - Circuit 7L2 requires RCD			C2									
9	3rd Floor - Open circuit R1 1L1 Right Hand Office			C1									
10	3rd Floor - Open circuit R1 5L1 Right Hand Office			C1									
11	3rd Floor - No grommits in 600 x 600 fittings			C3									
12	3rd Floor - Kitchen has 3 microwaves plugged into 13a 4 way extension												
13	3rd Floor - Corner pieces missing from YT2 x 2 external 90degree												
14													
15	2nd Floor - 1L3 MCB not compatable with DB			C3									
16													
17													
18	2nd Floor - Fittings in ensuite ceiling suseptable to falli	ing out due to damaged	d ceiling	C3 C2									
19	2nd Floor - Staff attack PSU fed from flex hooked arou			C3									
20	2nd Floor - Cracked emergency lighting keyswitch in ha	allway, no exposed par	ts	C2									
21	2nd Floor - circuits 3L1, 3L3, 4L2, 5L2 require RCD			C2									
22	1st Floor - RCD Test failed for 5L2			C2									
23	1st Floor - Circuit 5L2 has a lot of sockets on 1 circuit a	nd spans 8 rooms		C3									
24	1st Floor - Exposed busbars in DB due to design of DB			C3									
25	1st Floor - Circuits 4L3, 5L1 & 5L2			N/A									
26	Ground Floor - MCB's 3L1/2/3 fit poorly in DB			C3									
27	Ground Floor - Missing grommits in DB			C3									
28	Ground Floor - Redundant cables next to DB			C3									
29	Ground Floor - No protection for cables entering DB			C2									
30	Ground Floor - Grommits required for DB			C2									
31	Ground Floor - IP Rating of DB required blind grommits	s 1 x 32 1 x 20		C2									
Additional pa	ages? No Yes 🗸 Specify page No(s) 27												
One of the fo	ollowing codes, as appropriate, has been allocated to each of t	the observations made ab	ove to indicate to the person(s) responsible for the install	lation the									
degree of ur	gency for remedial action.												
C1 - Danger	present. Risk of injury. Immediate remedial action required	9,10											
C2 - Potentia	ally dangerous - urgent remedial action required	1,4,5,8,14,18,20,21,22	2,29,30,31,32,34,35,36,37,39,40										
FL - Further l	nvestigation Required	N/A											
	. .												
C3 - Improve	ement recommended	2,3,6,11,12,13,15,16,1	17,19,23,24,26,27,28,33,38										
When boing	the second state of the increasion and testing of the	lastrical installation (r	- indicated by myleur signatures below), particulars of y	which are									
-	the person(s) responsible for the inspection and testing of the page 1 (Section C), having exercised reasonable skill and care												
	ding the observations and the attached schedules, provides a												
	t and limitations in Section D of this report.												
I/We further	r declare that in my/our judgment, the overall assessment of t	he installation in terms of	its suitability for continued use is UNSATISFACTORY										
	e time the inspection was carried out, and that it should be fur												
Inspected ar	nd tested by:	Report aut	horised for issue by:										
Name:	R SELF	Name:	IAN FOULKES										
			$\land \bigcirc$										
Signature:		Signature:	(\mathcal{A})										

Position:

Date:

CONTRACT MANAGER

31/01/2016

Copyright @	∆mtech	Group I to	12013	FastTest	FICR	v2015	0 0 35
copyright @	Anneen	GIOUP LU	12013,	lastiest	LICI	v2015.	0.0.35

Approved Electrician

31/01/2016

Position:

Date:

Schedule of Cir	cuit Details for the Installation:	Page No(s)	7 - 25 Odd		
Schedule of Te	t Results for the Installation:	Page No(s)	8 - 26 Even		
Additional page	es, including additional supplies:	Page No (s)	27		
The identified	bages are part of this document and this	report is valid only t	hey are attached to it		
classified as `D observations ic Observations c Subject to the	,	dangerous' (code C2 ed'. e C3) should be given /We recommend tha	?) are acted upon as a matter of ur n due consideration. at the installation is further inspected	ed and tested in	I/We recommend that any observations ation without delay is recommended for 1 Years
Company Name: M	G ELECTRICS				
	DLD HALL LANE		Telephone:	0161 406 68	308
	ORSLEY anchester		Email Address:	mgelectrics	@yahoo.co.uk
			NICEIC Registration Number:	503572	
M	28 2FG		Branch Number:	000	
Earthing Arrangements	Number and Type of Live Co	onductors	Nature of Supply Parame	eters	Supply protective device
TN-C N/A	a.c. 🗸	d.c. N/A	Nominal voltage, U ⁽¹⁾	400 V	BS(EN)
TN-S N/A	1-Phase N/A 1-Phase N/A (2 wire) N/A (3 wire)	2 Pole N/A	Nominal voltage, U ₀ $^{(1)}$ Nominal frequency, f $^{(1)}$	230 V 50 Hz	LIM
TN-C-S 🗸	2-Phase (3 wire) N/A	2 Dolo NI/A	Prospective fault current, I _{pf} ⁽²⁾	3.4 kA	Туре
TT N/A	3-Phase (3 wire) N/A 3-Phase (4 wire) ✓	Other N/A	External loop impedance, Ze ⁽²⁾	0.04 Ω	N/A
IT N/A	Other N/A			1	Rated current LIM A
	Confirmation of supply polarity		Note: (1) by enquiry (2) by enquiry or by me	asurement	Short circuit capacity LIM kA
Means of	earthing	Deta	ils of installation Earth Electrode (where applicable	le)
Distributor's fa		N/A	Location N/A		
Installation ear	th	v/A	Ω Method of N/A		
electrode			measurement		
N	lain Protective Conductors Earthing Conductor	DAG	Main Switch / Switch F	Fuse / Circuit Br	eaker / RCD
Material Cop		Location	SEIVIEINI		
Connection and	Continuity Verified	BS(EN) 541	9 Isolator		No of poles 4
Main	protective bonding conductors	Supply Conducto	rs material Copper	Supply (Conductors csa 95 mm ²
Material Cop	per csa 50 mm	2 rating 200	A rating or setting	200	A rating 400 V
Connection and	Continuity Verified	RCD main switch Rated residual operating current	t, $I_{\Delta n}$ N/A mA Rated tin delay	ne N/A	ms RCD Operating time at, $I_{\Delta n}$ N/A ms
Bonding of Inc					
Water Installation	Gas Oil ✓ Installation ✓ Installation	n N/A Structura steel	I N/A Lightning N/A protection	Other (Specify)	None
Pipes	Pipes Pipes				

CONDITION REPORT INSPECTION SCHEDULE FOR PREMISES OVER 100A SUPPLY

Outcon	nes [/]	Acceptable condition	\checkmark	Unacceptable condition	State C1 or C2	Improvement recommended	State C3	Limita	ation	LI	Μ	Not applicable	N/A	
ltem No				Desci	ription				Outcom	ne		Location Refer	ence	
1.0	Conditio	on/adequacy	of distributor	s/supply intake e	quipment									
1.1	Service	cable							\checkmark	N	/A			
1.2	Service	head							C2	н	oles in	Тор		
1.3	Distribu	tor's earthing	g arrangement(s)					\checkmark	N	/A			
1.4	Meter t	ails - Distribu	tor/Consumer						\checkmark	N	/A			
1.5	Meterir	ng equipment							\checkmark	N	/A			
1.6	Means	of main isolat	ion (where pre	sent)					✓	N	/A			
2.0	Presenc	e of adequat	e arrangement	ts for parallel or s	witched altern	ative sources								
2.1	Adequa	ate arrangem	ents where a g	enerating set ope	rates as a swite	hed alternative to	the public sup	oply	N/A	N	/A			
2.2	Adequa	ate arrangem	ents where a g	enerating set ope	rates in paralle	l with the public su	ıpply		N/A		/A			
3.0	Automa													
3.1			ling arrangeme	nts										
	● Presence and condition of distributor's earthing arrangement ✓ N/A													
				ation earth electro	5	nt			N/A	-	/A /A			
			ing conductor s		Berne	-			 ✓		/A /A			
				hing conductor co	onnections				 ✓		/A /A			
			thing conducto	-	Jimeetions				 ✓		/A /A			
			-	ding conductor si	700				 ✓	_	-			
		•		ding conductor si					 ✓		/A			
				ding connections	JIIIections				 ✓		/A			
				-	ding connection						/A			
				er protective bon	-	ns			<u>√</u>		/A			
3.2	• Provis	sion of earthi	ng/bonding lab	els at all appropri	ate locations				✓	N	/A			
	• Sourc	e providing a	t least simple s	eparation					N/A	N	/A			
	-			•	ble with those	of other systems v	vithin the pren	mises	N/A		/A			
3.3		d low voltage	-						,		,,,,			
		uacy of sourc							N/A	N	/A			
	Socke	et-outlets, plu	igs and the like	not interchangea	ble with those	of other systems v	vithin the pren	mises	N/A		/A			
4.0		nethods of pr d on separate		re any of the met	hods listed bel	ow are employed	details should	d be	,,,		<u>,</u>			
4.1	Double	insulation							✓	N	/A			
4.2	Reinfor	ced insulatior	1						✓		/A			
4.3	Use of c	obstacles							N/A		/A			
4.4	Placing	out of reach							N/A		/A			
4.5	Non-coi	nducting loca	tion						N/A		/A			
4.6			ootential bondi	ng					N/A		/A			
4.7	Electrica	al separation	for more than	one item of equip	ment				<u>√</u>		/A			
5.0	Distribu	ition equipm	ent								. ·			
5.1				bility to equipmer	nt				✓	N	/A			
5.2		of fixing							· ✓		/A			
5.3			on of live parts						· ✓		/A			
5.4		cy/security of	•						 ✓		/A			
5.5	· ·		re(s) in terms o	f IP rating etc					C2		/A			
5.6			.,	f fire rating etc					√	-	/A			
5.7				d so as to impair	safety				 ✓		/A			
5.8		-		where required	· ·				·		/A			
			vitch(es) (funct	•					· ✓		/A			
5.9	· ·		of circuit prot	•					N/A		/A			
5.9 5.10	Correct								1974		<i>, · ·</i>			
5.10			ve devices for	prospective fault	current				\checkmark	N	/Δ			
	Adequa	cy of protecti		prospective fault					$\frac{\checkmark}{\checkmark}$		/A /A			

CONDITION REPORT INSPECTION SCHEDULE FOR PREMISES OVER 100A SUPPLY

Outcom	Outcomes Acceptable condition		~	Unacceptable condition	State C1 or C2	Improvement recommended	State C3	Limita	ation	LIM	Not applicable	N/A
Item No				Descr	ription				Outcome		Location Refer	ence
5.14	RCD(s)	provided for p	protection agair	nst fire - includes	RCBOs				\checkmark	N/A		
5.15	Manua	al operation of	circuit-breaker	s and RCDs to pro	ve disconnection	on			\checkmark	N/A		
	Preser	nce of RCD test	t notice at or ne	ear equipment, w	here required				✓	N/A		
		-		edules at or near		-			✓	N/A		
					-	near equipment, v			✓	N/A		
5.19	requir	ed				ice(s) at or near e	quipment whe	re	N/A	N/A		
				ction recommend	lation label				✓	N/A		
			quired labelling		at turns and rat	ing (no signs of up	accontable th	ormal	N/A	N/A		
5.22	damag	ge, arcing or ov	verheating)			ing (no signs of ur	lacceptable the	ermai	✓	N/A		
	-			levices in line con			N/A	N/A				
		-		ge where cables			✓	N/A				
		0		effects where cab			✓	N/A				
		oution and Fina										
		fication of cond						✓	N/A			
		, ,,	•	out their length				✓	N/A			
		ion of insulation	-						✓	N/A		
				enclosure in condu					✓	N/A		
		-	-	or continued use		-			✓	N/A		
6.6	Cables	correctly term	ninated in enclo	sures (indicate ex	tent of samplir	eport)		✓	N/A			
				s) are functional					\checkmark	N/A		
		mation that AL als and are tig		nnections, includi	ng connections	to busbars are co	rrectly located	in	\checkmark	N/A		
6.9	Exami	nation of cable	s for signs of ur	nacceptable thern	nal or mechanio	cal damage/deteri	oration		\checkmark	N/A		
6.10	Adequ	acy of cables f	or current-carry	ing capacity with	regard for the	type and nature o	f installation		\checkmark	N/A		
6.11	Adequ	acy of protecti	ive devices: typ	e and rated curre	nt for fault prot	tection			✓	N/A		
6.12	Preser	nce and adequa	acy of circuit pr	otective conducto	ors				✓	N/A		
6.13	Co-orc	lination betwe	en conductors	and overload prot	ective devices				\checkmark	N/A		
614	Cable influer		thods/practice	s appropriate to t	he type and na	ture of installation	and external		\checkmark	N/A		
6.15	Cables	where expose	ed to direct sunl	ight, cable of a su	iitable type				\checkmark	N/A		
6.16	Cables	installed unde	er floors, above	ceilings, in walls,	/ partitions, ade	equately protected	l against dama	ge				
	• Inst	alled in prescri	bed zones (see	Section D. Extent	t and limitation	s)			\checkmark	N/A		
						ed wiring system, of see Section D. Ex		ations)	C3	N/A		
6.17	Provis	ion of addition	al protection by	/ 30mA RCD								
	• For	mobile equipm	nent not exceed	ling a rating of 32	A for use outd	oors			LIM	N/A		
	• For	all socket-outle	ets of rating 20	A or less, unless e	exempt				LIM	N/A		
	• For	cables installed	d in walls / part	itions at a depth o	of less than 50n	nm			LIM	N/A		
	• For	cables installed	d in walls / part	itions containing	metal parts reg	ardless of depth			LIM	N/A		-
6.18	Provis	ion of fire barri	iers, sealing arr	angements and p	rotection again	st thermal effects			LIM	N/A		
6.19	Band I	I cables segreg	ated/separated	from Band I cabl	es				✓	N/A		
6.20	Cables	segregated/se	eparated from r	non-electrical serv	vices				LIM	, N/A		
b./1	Termii Sectio		s at enclosures	- identify/record	numbers and lo	ocations of items in	nspected in			,		
	• Con	nections under	r no undue stra	in					✓	N/A		
	• No l	basic insulation	n of a conductor	r visible outside e	nclosure				\checkmark	N/A		
	• Con	nections of live	e conductors ad	lequately enclose	d				✓	N/A		
	• Ade	quately conne	cted at point of	entry to enclosur	e (glands, brus	hes etc)			✓	N/A		
6.22	Gener	al condition of	wiring systems						√	N/A		
6.23	Tempe	erature rating o	of cable insulati	on					✓	N/A		
	-			ocket-outlets, swi	tches and joint	boxes			 ✓	N/A		
			ries for externa		-				 ✓	N/A		
		,		levices in line con	ductors only				·	N/A		

CONDITION REPORT INSPECTION SCHEDULE FOR PREMISES OVER 100A SUPPLY

OutcomesAcceptable conditionVUnacceptable conditionState C1 or C2Improvement recommendedState C3LimitationLIM									Not applicable	N/A		
Item No				Descr	ription				Outcom	ie	Location Refer	ence
6.27				cpcs, within acces ons of items insp		ixed and stationary	/ equipment -		✓	N/A		
7.0	Isolati	on and switch	ing									
7.1	Isolato	irs										
			dition of approp	riate devices					✓	N/A		
			on (state if local							N/A		
		· .	ecured in the O	,						N/A		
	· ·	ect operation		in position					 ✓			
		•		or durable marki	nα					N/A		
					-	ated by the operati	on of a single			N/A		
	device			s where he parts		field by the operation	on of a single		\checkmark	N/A		
7.2	Switch	ing off for med	chanical mainte	nance	I							
	• Pres	ence and cond	dition of approp	riate devices		✓	N/A					
	• Acce	eptable locatio	'n			✓	N/A					
	• Capa	able of being s	ecured in the O	FF position		✓	N/A					
	-	ect operation				✓	N/A					
				or durable marki		· ✓	N/A					
7.3		ency switching								,.		
			dition of approp	riate devices			✓	N/A				
				/here danger mig				N/A				
		ect operation	-					N/A				
		•		or durable marki			• •	N/A				
7.4		onal switching					•	IN/A				
7.4			dition of approp	vriato dovicos			NI / A					
		ect operation							$\overline{\checkmark}$	N/A		
8.0		•							•	N/A		
				ently connected)								
			ent in terms of	5					<u>√</u>	N/A		
			constitute a fire						<u>√</u>	N/A		
				d so as to impair	-				<u> </u>	N/A		
8.4		,	vironment and	external influence	es				✓ 	N/A		
8.5		ty of fixing							C2	N/A		
8.6	numbe	er and location	of luminaires i	nspected in Section		o restrict the spread ort	a of fire: List		✓	N/A		
8.7			(downlighters)									
		ect type of lan	•						\checkmark	N/A		
	 Insta similar 		ise build-up of I	heat by use of "fir	e rated" fitting	s, insulation displac	cement box or		C3	N/A		
	• No s	igns of overhe	ating to surrou	nding building fat	oric				\checkmark	N/A		
	• No s	igns of overhe	eating to conduc	ctors/termination	S				\checkmark	N/A		
9.0	Locati	on(s) containir	ng a bath or sho	ower								
9.1	Additio	onal protection	n by RCD not ex	ceeding 30 mA								
	• For	low voltage cir	cuits serving th	e location					C3	N/A		
		-	_		Zone 2 not sei	ving the location			C3	N/A		
9.2		-		e, requirements fo		-			LIM	N/A		
9.3				1558-2-5 or BS 35					N/A	N/A		
9.4		-	-			by BS 7671:2008			<u>√</u>	N/A		
9.5				utlets sites at leas			 ✓	N/A				
9.6						in terms of IP ratir	ng		 ✓	N/A		
		· · ·		ion in a particular					·	N/A		
				nt for particular p		the location			·	N/A		
10.0			ations or locati							1.1,1		
	List sp	•	present, if any.		f particular ins	pections applied. (a	a separate page	e is	N/A	N/A		
								I				
Name					C		the set	2		Data	21/01/2016	
Name:	N SELF				Signature:			-		Date:	31/01/2016	

т	O BE CC	MPLETED IN EVERY C	CASE	ONLY	TO BE CO	OMPLET	ED IF THI	E DISTRI		OARD IS I ISTALLATI	NOT CONNEC	TED DI	RECTLY T	O THE (DRIGIN OI	F THE
Location	n of	BASEMENT		upply t		/A						A	ssociated	l RCD (if	any)	
Distribu				istribut oard is									Ν	/A		
Board			N	o of ph	nases N	/A		Nomina	al Voltage	N/A	BS(EN)					
Distribu	tion	SECTION DB DB1	0	vercur			evice for	the dist	ribution ci	rcuit	RCD No	of Pole	es N	/A		
board designa	tion			ype BS		/A			_		A RCD Rat	ting		, /A		mA
				,,	. , .	,			Ū	,				,		
bue							Cir		es	0)vercurrent p	orotecti	ve device	5	RCD	S
Circuit number and phase				Type of wiring	nce od	oints ed		cuit tors csa	Max permitted disconnection times by BS 7671 (s)							Maximum Zs permitted by BS 7671 (Ω)
t numb phase		Circuit designat	ion	e of v	Reference method	No of points served			x pern inectio BS 76	В	S(EN)	Type	Rating (A)	aking ity (k	Operating current, l∆ n (mA)	ittec 671 (
circui ⁻				Тур	~ ~	Ñ	Live (mm ²)	cpc (mm ²)	Ma: discor		- ()	l F	Ratii	Breaking Capacity (kA)	Ope currei (n	Ma perm 7
1/TP	Sub M	ains(BASEMENT DB2)		F	с	1	16	16	0.4	60898 N	1CB		63			0.35
-	Sub M	ains(Ground Floor DB	51)			1				60898 N	1CB	C		10	N/A	
2/TP	Sub M	ains(1ST FLOOR DB2)		F	C	1	16	16	0.4	60898 N	1CB	С	63	10	N/A	0.35
3/TP		ains(2ND FLOOR DB3		F	С	1	16	16	0.4	60898 N		C	63	10	N/A	0.35
4/TP)	F	С	1	16	16	0.4			C	63	10	N/A	0.35
5/TP		ains(3rd Floor DB4)		F	С	1	16	16	0.4	60898 N		С	63	10	N/A	0.35
6/TP	Sub M	ains(CAFE DB)		F	с	1	16	16	0.4	60898 N	1CB	с	63	10	N/A	0.35
															+	
															+	
															-	
															+	
															+	
													<u> </u>		──	
	A	В	С		D		E		F		G		н		0 (Ot	her)
insu	noplasti Ilated/ ed cable	cables in metallic	Thermoplast cables in nor metallic cond	n- cal	່ hermopla bles in me trunkinຄູ	tallic	Thermop cables in netallic tr	non-	Thermop SWA ca		Thermosettir SWA cable		Miner Isulated o			

ONLY		MPLETED IF RECTLY TO T					CTED		TE	ST INSTR	UMENTS USE	D (SERIAL	NUMBERS	5)	
	U			distributio		N									
		Zs at DB	NI/A	Ω	L at	DB N/A	kA	Continu	ity 1411	13019		RCD	14113	019	
	g times of			52	ipfat	DB N/A	KA	Insulatio	1 / 1 /	13019		Earth Electrode	N/A		_
associate applicabl		At l∆n	N/A	ms	At 5	l∆n N/A	ms	resistan Earth	ce			Resistance			
		rity confirme	ed 🗸		equence co appropriate		\checkmark	fault loc impeda		13019		Other	N/A		
						,		inipeda	lice						
N/A															
σ		Circ	uit Impeda	nces							Maximum				
Circuit number and phase			Ω				Insulation	resistanc	e		measured earth fault		perating 1	times	Remarks see continuation sheet
numb		g final circuit asure end to		All cir (At least o	ne column	Line/	Line/	Line/	Neutral/	Polarity	loop	@ l∆n	@ 5l∆n	tton ion	Remarks see ntinuation she
rcuit r			1	to be co		Line (MΩ)	Neutral (MΩ)	Earth (MΩ)	Earth (MΩ)	PG	impedance Zs	(ms)	(ms)	Test button operation	Rem ntinu
Ū	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	(R ₁ + R ₂)	R ₂	. ,	. ,	. ,	. ,		Ω			Te	C
1/TP	N/A	N/A	N/A	0.02	N/A	200	200	200	200	\checkmark	0.12	N/A	N/A	N/A	
2/TP N/A N/A N/A 0.04 N/A 200 200 200 200 ✓ 0.15 N/A N/A N/A 3/TP N/A N/A N/A 0.09 N/A 200 200 200 200 ✓ 0.18 N/A N/A N/A															
3/TP	N/A	N/A	N/A	0.09	N/A	200	200	200	200		0.18	N/A	N/A	N/A	
4/TP	N/A	N/A	N/A	0.11	N/A	200	200	200	200	\checkmark	0.19	N/A	N/A	N/A	
5/TP	N/A	N/A	N/A	0.20	N/A	200	200	200	200	\checkmark	0.34	N/A	N/A	N/A	
6/TP	N/A	N/A	N/A	0.15	N/A	200	200	200	200	\checkmark	0.29	N/A	N/A	N/A	
												1			
	I		I				I					1			I
								~~~							
Name R	SELF				Signa	ature		Res and a second	-	$\sum$		Date 3	1/01/201	16	
								_		1					

ONLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE																
т	O BE CO	MPLETED IN EVERY C	ASE	ONLY	TO BE CO	OMPLET	ED IF THI	E DISTRI		OARD IS N ISTALLATIC		TED DI	RECTLY T	O THE C	DRIGIN O	F THE
Location		BASEMENT		Supply to distribut		ub Maiı	ns(SECTI	ON DB	DB1, 1/T	P)		As	sociated	l RCD (if	any)	
Distribu				board is	-								Ν	/A		
Board			r	No of ph	ases 3			Nomina	I Voltage	400	BS(EN)					
Distribu board	tion	BASEMENT DB2		Overcuri	rent prote	ective de	evice for	the disti	ibution ci	rcuit	RCD No	of Pole	s N	/A		
designa	tion		1	Type BS(	EN) 6	0898 M	ICB C		Rating	63 A	RCD Rat	ing	N	/A		mA
and				5			Cir	cuit	d nes	0	vercurrent p	rotecti	ve device	е	RCD	s BS
mber Ise				wirir	ence hod	ooint: /ed	conduc	tors csa	mitte tion tii 671 (s				(ব	g kA)	n n	um Z ta by (Ω)
Circuit number and phase		Circuit designat	on	Type of wiring	Reference method	No of points served	Live	срс	Max permitted disconnection times by BS 7671 (s)	BS	(EN)	Type	Rating (A)	eakin icity (	Operating current, I∆ n (mA)	Maximum Zs permitted by BS 7671 (Ω)
Circu				Ļ		Z	(mm²)	(mm²)	disce M				Rat	Breaking Capacity (kA)	Op curr	Der
1/L1	Bike &	Elec Rm Lts		D	С	14	1.5	1.5	0.4	60898 M	CB	В	10	10	N/A	4.37
1/L2	Woodv	vork Shop Lights		D	С	12	1.5	1.5	0.4	60898 M	СВ	В	10	10	N/A	4.37
1/L3	Store R	oom Lights		D	с	8	1.5	1.5	0.4	60898 M	CB	В	10	10	N/A	4.37
2/L1	Lights L	ift Lobby		D	с	6	1.5	1.5	0.4	60898 M	СВ	В	6	10	N/A	7.28
2/L2	Store R	oom Sockets		D	с	4	2.5	2.5	0.4	60898 M	СВ	В	32	10	N/A	1.37
2/L3	Woodv	vork Shop Sockets		D	с	7	2.5	2.5	0.4	61009 RC	D/RCBO	с	32	10	30	0.68
3/L1	Bike Re	Bike Repair Sockets			с	7	2.5	2.5	0.4	61009 RC	D/RCBO	с	32	10	30	0.68
3/L2	Woodv	oodwork Heater			с	1	2.5	2.5	0.4	60898 M	CB	В	16	10	N/A	2.73
3/L3	Bike Re	ke Repair Heater			с	1	2.5	2.5	0.4	60898 M	СВ	В	16	10	N/A	2.73
4/L1	Woodv	vork Heater		D	с	1	2.5	2.5	0.4	60898 M	СВ	В	16	10	N/A	2.73
4/L2	Bike Re	pair Heater		D	с	1	2.5	2.5	0.4	60898 M	СВ	В	16	10	N/A	2.73
4/L3	Bike Re	pair Heater		D	с	1	2.5	2.5	0.4	60898 M	СВ	В	16	10	N/A	2.73
5/L1	Water	Heater		D	С	1	2.5	2.5	0.4	60898 M	CB	В	16	10	N/A	2.73
5/L2	Sub Ma	ins(BOILER DB)		D	С	1	6	4	0.4	60898 M	СВ	С	32	10	N/A	0.68
5/L3	SPARE			-	-	-	-	-	-	-		-	-	-	-	-
6/L1	Tube H	eaters		D	С	3	1.5	1.5	0.4	60898 M	CB	В	10	10	N/A	4.37
6/L2	Lights S	itairs & Passage		D	С	18	1.5	1.5	0.4	60898 M	СВ	В	10	10	N/A	4.37
6/L3	SPARE			-	-	-	-	-	-	-		-	-	-	-	-
7/TP	Sub Ma	iins()		F	С	1	6	6	0.4	60898 M	CB	С	32	10	N/A	0.68
8/TP	Roller S	hutter Bike Repair		D	С	1	2.5	2.5	0.4	60898 M	СВ	С	16	10	N/A	1.37
9/TP	Roller [	Door Wood Shop		D	С	1	2.5	2.5	0.4	60898 M	СВ	с	16	10	N/A	1.37
10/TP	Compressor			D	С	1	2.5	2.5	0.4	60898 M	СВ	С	16	10	N/A	1.37
11/L1																
11/L2	11/L2 SPARE			-	-	-	-	-	-	-		-	-	-	-	-
	A B C				D		E		F		G		н		O (Ot	ther)
	Thermoplastic Thermoplastic Thermop insulated/ cables in metallic cables in				hermopla bles in me		Thermop cables in		Thermop		nermosettin	•	Miner			
	ed cable		metallic conc		trunkin		netallic tr		SWA ca	ables	SWA cables	s in	sulated o	cables		

ONLY		MPLETED IF					CTED		TE	ST INSTR	UMENTS USE	D (SERIAL	NUMBERS	5)	
				s distributio		•		Continu	ity 1/11	.3019	_	RCD	14113	010	
		Zs at DB	0.12	Ω	I _{pf} at	DB 1.9	kA			.5019		Earth	14115	019	
Operating associated	d RCD (if	At l∆n	N/A	ms	At 5	∆n N/A	ms	Insulation resistan	1/11	3019		Electrode Resistance	N/A		
applicable Correct su		rity confirme	ed 🗸		equence con appropriate		✓	Earth fault loc		.3019		Other	N/A		
			_	(where a	appropriate	/		impeda	nce						
N/A															
p		Circ	uit Impeda	nces							Maximum			•	it
Circuit number and phase	Pin	g final circuit			rcuits		Insulation		e	rity	measured earth fault		perating t	<u> </u>	Remarks see continuation sheet
uit numb phase		asure end to			ne column mpleted)	Line/ Line	Line/ Neutral	Line/ Earth	Neutral/ Earth	Polarity	loop impedance		@ 5l∆n	Test button operation	Remarks see Itinuation she
Circ	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	$(R_1 + R_2)$	R ₂	(MΩ)	(MΩ)	(MΩ)	(ΜΩ)		Zs Ω	(ms)	(ms)	Test	con
1/L1	N/A	N/A	N/A	0.88	N/A		200	200	200	$\checkmark$	0.98	N/A	N/A	N/A	
1/L2	N/A	N/A	N/A	0.70	N/A		200	200	200	<u> </u>	0.81	N/A	N/A	N/A	
1/L3	N/A	N/A	N/A	1.00	N/A		200	200	200	$\checkmark$	1.16	N/A	N/A	N/A	
2/L1	N/A	N/A	N/A	0.75	N/A		200	200	200	$\checkmark$	0.89	N/A	N/A	N/A	
2/L2	0.24	0.25	0.31	0.09	N/A		200	200	200	$\checkmark$	0.21	N/A	N/A	N/A	
2/L3	0.41	0.42	0.40	0.20	N/A		200	200	200	$\checkmark$	0.32	39	9	$\checkmark$	
3/L1	0.58	0.58	0.51	0.27	N/A		200	200	200	$\checkmark$	0.41	56	19	$\checkmark$	
3/L2	N/A	N/A	N/A	0.17	N/A		200	200	200	<u>√</u>	0.25	N/A	N/A	N/A	
3/L3	N/A	N/A	N/A	0.24	N/A		200	200	200	✓	0.36	N/A	N/A	N/A	ļ
4/L1	N/A	N/A	N/A	0.33	N/A		200	200	200	✓	0.45	N/A	N/A	N/A	
4/L2	N/A	N/A	N/A	0.36	N/A		200	200	200	$\checkmark$	0.48	N/A	N/A	N/A	
4/L3	N/A	N/A	N/A	0.24	N/A		200	200	200	$\checkmark$	0.31	N/A	N/A	N/A	
5/L1	N/A	N/A	N/A	0.30	N/A		200	200	200	$\checkmark$	0.50	N/A	N/A	N/A	
5/L2	N/A	N/A	N/A	0.12	N/A		200	200	200	$\checkmark$	0.25	N/A	N/A	N/A	
5/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6/L1	N/A	N/A	N/A	0.68	N/A		200	200	200	$\checkmark$	0.79	N/A	N/A	N/A	
6/L2	N/A	N/A	N/A	0.65	N/A		200	200	200	$\checkmark$	0.75	N/A	N/A	N/A	
6/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7/TP	N/A	N/A	N/A	0.25	N/A	N/A	200	200	200	$\checkmark$	0.37	N/A	N/A	N/A	
8/TP	N/A	N/A	N/A	0.69	N/A	N/A	200	200	200	$\checkmark$	0.78	N/A	N/A	N/A	
9/TP	N/A	N/A	N/A	1.05	N/A	N/A	200	200	200	$\checkmark$	1.15	N/A	N/A	N/A	
10/TP	N/A	N/A	N/A	0.69	N/A	N/A	200	200	200	$\checkmark$	0.78	N/A	N/A	N/A	
11/L1															
11/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Name R					Signa	ature			×			Data 2	1/01/201	6	

T	O BE CO	OMPLETED IN EVERY (		ON	LY TO BE	COMP	LETE	ED IF THE	E DISTRI	BUTION B	SOARD IS		CONNECT	TED DI	RECTLY T	O THE C	ORIGIN O	FTHE
Location	n of	BASEMENT	d	Supply	oution	Sub N	√ain	ıs(SECTI	ON DB	DB1, 1/T	ГР)			As	ssociated		any)	
Board	tion				is from phases	3	7		Nomina	al Voltage	400	V	BS(EN)		N	/A		
Distribu board	tion	BASEMENT DB2	c	Overcu	urrent pi	otectiv	/e de	evice for	the dist	ribution ci	rcuit		RCD No	of Pole	es N	/A		
designat	tion		т	ype B	BS(EN)	6089	8 M	СВ С		Rating	63	А	RCD Rati	ing	Ν	/A		mA
er and				ing	e e	ts	,		cuit	times (s)		Over	current p	rotecti	ve device		RCD	ZS y BS
Circuit number and phase		Circuit designat	ion	Type of wiring	Reference	Method No of points	served	Live Live	ctors csa cpc (mm²)	lax perm onnectio y BS 767		BS(EI	N)	Type	Rating (A)	Breaking Capacity (kA)	Operating current, I∆ n (mA)	Maximum Zs permitted by BS 7671 (Ω)
11/L3	Showe	er Lights		А	, c		2	1.5	1	0.4	60898	MCB		В	6	10	N/A	7.28
12/L1	Water	Heater SR		А	, c		2	2.5	1.5	0.4	60898	MCB		В	16	10	N/A	2.73
12/L2	SPARE			-	-		-	-	-	-	-			-	-	-	-	-
12/L3	SPARE			-	-		-	-	-	-	-			-	-	-	-	-
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						$\perp$		ļ							ļ	ļ		
	A	В	С		D	1	T	E		F			G		Н		O (Ot	ther)
insu	noplastic llated/ ed cable	cables in metallic	Thermoplast cables in nor metallic cond	n- c	Thermo cables in trunk	metalli	ic c	Thermop cables in netallic tr	non-	Thermop SWA ca			rmosettin WA cables		Miner isulated o			

Distribution of the loss law of converters									1							
Second with the contract of the contrac	ONLY							CTED		TE	ST INSTR	UMENTS USE	D (SERIAL	NUMBERS	5)	
2 s r 10 0.12         0.1         1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 +			Character	istics at this	distributio	n board			Continu	ity 1412	13019		RCD	14113	019	_
Concernance         Lation         N/A         ns         At Sian         N/A         restrative         Lation         Description         N/A           Correct supply polarity confirmed         ✓         Plane sequence confirmed         ✓         Plane sequence confirmed         ✓         N/A           N/A          Plane sequence confirmed         ✓         Plane sequence confirmed         ✓         N/A           N/A          Plane sequence confirmed         ✓         Plane sequence confirmed         ✓         N/A           N/A          Plane sequence confirmed         ✓         Plane sequence confirmed         Maintain         N/A           N/A          Plane fraid croatis         At circatis         Investigate confirmed         Plane fraid croatis         Plane fraid				0.12	Ω	I _{pf} at	DB 1.9	kA		on						
Correct supply pointly confirmed         Phase sequence confirmed (where appropriate)         Full likely ingence         Pail 23019         Other         N/A           N/A           N/A           N/A           N/A           Imperiance	associate	d RCD (if	At l∆n	N/A	ms	At 5	l∆n N/A	ms	resistan		13019			N/A		_
N/A         Crouit Impedances (measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured measured me			rity confirme	ed 🗸	Phase se	equence co	nfirmed	✓	fault loo		13019		Other	N/A		_
Insulation restrace         Maximum Restriction of the field or colspan="6" (MA) Maximum Restriction of the colspan="6" (MA) Maximum Restrind				_	(where a		-)		impeda	nce						
μ         μ         μ         μisuation esistance         μ         mage final circuits only (kt least one colum)         https:///////////////////////////////////	N/A															
μ         μ         μ         μisuation esistance         μ         mage final circuits only (kt least one colum)         https:///////////////////////////////////																
μ         μ         μ         μisuation esistance         μ         mage final circuits only (kt least one colum)         https:///////////////////////////////////																
μ         μ         μ         μisuation esistance         μ         mage final circuits only (kt least one colum)         https:///////////////////////////////////		-														
11/13         N/A           12/11         N/A         N/A         N/A         0.25         N/A         200         200         200         ✓         0.37         N/A         N/A         N/A           12/12         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         · <td>r and</td> <td></td> <td>Circ</td> <td></td> <td>nces</td> <td></td> <td></td> <td>Insulation</td> <td>resistanc</td> <td>e</td> <td></td> <td></td> <td>RCD c</td> <td>operating</td> <td>times</td> <td>e heet</td>	r and		Circ		nces			Insulation	resistanc	e			RCD c	operating	times	e heet
11/13         N/A           12/11         N/A         N/A         N/A         0.25         N/A         200         200         200         ✓         0.37         N/A         N/A         N/A           12/12         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         · <td>umbei iase</td> <td>Rin</td> <td>g final circuit</td> <td>s only</td> <td></td> <td></td> <td>line/</td> <td>Line/</td> <td>Line/</td> <td>Neutral/</td> <td>arity</td> <td></td> <td>@ l\n</td> <td>@ 5l\n</td> <td>on</td> <td>irks se ition s</td>	umbei iase	Rin	g final circuit	s only			line/	Line/	Line/	Neutral/	arity		@ l\n	@ 5l\n	on	irks se ition s
11/13         N/A           12/11         N/A         N/A         N/A         0.25         N/A         200         200         200         ✓         0.37         N/A         N/A         N/A           12/12         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         ·         · <td>cuit n pŀ</td> <td></td> <td></td> <td>1</td> <td>to be co</td> <td>mpleted)</td> <td>Line</td> <td>Neutral</td> <td>Earth</td> <td>Earth</td> <td>Ро</td> <td>impedance</td> <td>-</td> <td></td> <td>st but perati</td> <td>Rema</td>	cuit n pŀ			1	to be co	mpleted)	Line	Neutral	Earth	Earth	Ро	impedance	-		st but perati	Rema
12/11       N/A       N/A       N/A       0.25       N/A       200       200       200       V       0.37       N/A       N/A       N/A         12/12       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -					$(R_1 + R_2)$		()	()	(	()		Ω	(			Ö
12/12       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       . <td></td> <td>-</td> <td>-</td> <td></td> <td></td>													-	-		
12/13       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       .       . <td></td>																
Image: Selfet       Image: Selfet<	12/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Image: Selfet in the selfet																
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Name R SELF Signature Date 31/01/2016									25	× ,				. /		
	Name R	SELF				Signa	ature			-			Date 3	1/01/201	16	

T	O BE CO	OMPLETED IN EVERY C	ASE	ONLY	TO BE CO	OMPLET	ED IF THI	E DISTRI		OARD IS N ISTALLATIO	OT CONNECT	ED DIF	RECTLY T	O THE C	RIGIN O	F THE
Location	n of	STAIRWAY		upply to istributi		ub Maii	ns(SECT	ION DB	DB1, 2/T	P)		As	sociated	RCD (if	any)	
Distribu Board	tion			oard is t						_	BS(EN)		N	/A		
			N	o of ph	ases 3			Nomina	al Voltage	400	/					-
Distribu board	tion	Ground Floor DB1	0	vercurr	ent prote	ective de	evice for	the dist	ribution ci	rcuit	RCD No o	of Pole	s N	/A		
designa	tion		יד	ype BS(	EN) 60	0898 M	ICB C		Rating	63	A RCD Rati	ng	N	/A		mA
q									6							1
Circuit number and phase				iring	d G	ints d		cuit tors csa	Max permitted disconnection times by BS 7671 (s)		vercurrent pr	otectiv	ve device		RCD	Maximum Zs permitted by BS 7671 (Ω)
: numb phase		Circuit designat	ion	Type of wiring	Reference method	No of points served		1	Max permitted sconnection tim by BS 7671 (s)	D	S(EN)	Type	Rating (A)	king ty (k∆	Operating urrent, I∆ n (mA)	Maximum Zs ermitted by B 7671 (Ω)
ircuit				Type	Re	No No	Live (mm ² )	cpc (mm²)	Max disconr by B	D.		Ţ	Ratin	Breaking Capacity (kA)	Operating current, l∆ n (mA)	Ma) perm 7(
1/L1	Galler	y Mut Lights		A	с	12	1.5	1	0.4	60898 M	СВ	С	10	6	N/A	2.19
1/L1	Recep	tion WC Lights		A	c	12	1.5	1	0.4	60898 M	СВ	c	10	6	N/A	2.19
1/L2 1/L3	Alt Exi	t Lights		A A	c	4	1.5	1	0.4	60898 M	СВ	c	10	6	N/A	2.19
2/L1	SPARE			A		-	- 1.5	-	- 0.4	-		-	10	-		
-	SPARE			-						-			-			
2/L2	Stair L	ights		-	-	-	-	-	-	60898 M	СВ	-	-	-	-	-
2/L3	/L1 Sockets			A	C	20	1	1	0.4	60898 M	СВ	C	16	6	N/A	1.37
-	/L1 Male WC Heater (Cafe)			A	C	1	2.5	1.5	0.4	60898 M	СВ	C	16	6	N/A	1.37
3/L2	/L2 Male WC Heater (Cafe)			A	C	1	2.5	1.5	0.4	60898 M	СВ	C	16	6	N/A	1.37
3/L3	Disabl	ed Hand Dryer		A	C	1	2.5	1.5	0.4	60898 M	СВ	C	16	6	N/A	1.37
4/L1		y Muti Sockets		A	C	1	4	2.5	0.4	60898 M	СВ	С	10	6	N/A	2.19
4/L2		tion Sockets		A	С	11	4	2.5	0.4	60898 M	СВ	С	32	6	N/A	0.68
4/L3		chair Lift		A	С	4	2.5	1.5	0.4	60898 M	СВ	С	32	6	N/A	0.68
5/L1		Not Tested		A	C	1	4	2.5	0.4		-	С	16	6	N/A	1.37
5/L2	SPARE									-						
5/L3	SPARE			-	-	-	-	-	-	-		-	-	-	-	-
6/TP				-	-	-	-	-	-			-	-	-	-	-
															<u> </u>	
															<u> </u>	
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	A B C				D		E		F		G		Н		O (Ot	her)
insu	Thermoplastic Thermoplastic Thermoplastic cables in metallic cables sheathed cables				nermopla Iles in me trunkinį	tallic	Thermop cables in netallic tr	non-	Thermop SWA ca		hermosetting SWA cables		Miner sulated o			

ONLY		IRECTLY TO T	HE ORIGIN	OF THE INS	TALLATION		CTED		TE	ST INSTR	UMENTS USE	D (SERIAL	NUMBERS	5)	
				s distributio				Continu	ity 1411	3019		RCD	14113	019	
Operating	g times of	Zs at DB	0.15	Ω	I _{pf} at	DB 1.60	) kA	Insulatio	1 / 1 1	3019		Earth Electrode	N/A		_
associate applicabl	d RCD (if	At l∆n	N/A	ms	At 5	l∆n N/A	ms	resistan Earth	ce 1411	15015		Resistance			
		rity confirme	ed 🗸		equence con appropriate		$\checkmark$	fault loc impeda		3019		Other	N/A		
								1							
N/A															
		Circ	uit Impeda	nces											1
er and		Circ	Ω				Insulation	resistanc	e		Maximum measured	RCD c	perating	times	sheet
numb phase		g final circuit asure end to		(At least o	rcuits ne column	Line/ Line	Line/ Neutral	Line/ Earth	Neutral/	Polarity	earth fault loop	@ l∆n	@ 5l∆n	utton tion	Remarks see ntinuation she
Circuit number and phase		r _n (Neutral)		to be contract $(R_1 + R_2)$	Earth (MΩ)	۵.	impedance Zs	(ms)	(ms)	Test button operation	Remarks see continuation sheet				
1/L1	N/A	N/A	N/A	2.20	R ₂ N/A		200	200	200	$\checkmark$	Ω 2.40	N/A	N/A	⊢ N/A	0
1/L1	N/A	N/A	N/A	1.03	N/A		200	200	200	• ✓	1.20	N/A	N/A	N/A	
1/L3	N/A	N/A	N/A	0.55	N/A		200	200	200	$\checkmark$	0.70	N/A	N/A	N/A	
2/L1	-	_	_	-		-	-	_	-	_	-	-	-	-	_
2/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2/L3	N/A	N/A	N/A	0.81	N/A		200	200	200	$\checkmark$	1.15	N/A	N/A	N/A	
3/L1	N/A	N/A	N/A	0.14	N/A		200	200	200	$\checkmark$	0.28	N/A	N/A	N/A	
3/L2	N/A	N/A	N/A	0.28	N/A		200	200	200	$\checkmark$	0.42	N/A	N/A	N/A	
3/L3	N/A	N/A	N/A	0.33	N/A		200	200	200	$\checkmark$	0.52	N/A	N/A	N/A	
4/L1	N/A	N/A	N/A	0.27	N/A		200	200	200	$\checkmark$	0.31	N/A	N/A	N/A	
4/L2	N/A	N/A	N/A	0.41	N/A		200	200	200	$\checkmark$	0.54	N/A	N/A	N/A	
4/L3	N/A	N/A	N/A	0.35	N/A		200	200	200	$\checkmark$	0.49	N/A	N/A	N/A	
5/L1	N/A	N/A	N/A	0.18	N/A		200	200	200	$\checkmark$	0.31	N/A	N/A	N/A	
5/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Name R	SELF				Signa	ature		R		$\geq$		Date 3	1/01/201	L6	
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Т	O BE CO	OMPLETED IN EVERY (	CASE	ONLY	Y TO BE CO	OMPLET	ED IF THI	E DISTRI		OARD IS N ISTALLATI	OT CONNEC	fed dif	RECTLY T	O THE C	DRIGIN O	F THE
Location	n of	1ST FLOOR		upply t		ub Mai	ns(SECT	ION DB	DB1, 3/T	ΓP)		As	sociated	l RCD (if	any)	
Distribu				listribut loard is									N	/A		
Board				lo of pł	nases 3			Nomina	al Voltage	400	BS(EN)					
Distribu	tion	1ST FLOOR DB2	c	Overcur	rent prote	ective de	evice for	the dist	ribution ci	rcuit	RCD No	of Pole	s N	/A		
board designa	tion		Т	ype BS	(EN) 6	0898 N	ICB C		Rating	63	A RCD Rat	ing		/A		mA
									_							
and				60			Cir	cuit	l nes	С	vercurrent p	rotectiv	ve device	9	RCD	3S
Circuit number and phase				Type of wiring	ence	No of points served		tors csa	Max permitted disconnection times by BS 7671 (s)				2	چ (A		Maximum Zs permitted by BS 7671 (Ω)
it numb phase		Circuit designat	ion	oe of	Reference method	o of poin served	Live	срс	ax per nnect BS 76	В	S(EN)	Type	Rating (A)	eaking city (I	Operating current, l∆ n (mA)	axim nitte 7671
Circu				T		ž	(mm ² )	(mm ² )	disco			F	Rat	Breaking Capacity (kA)	Ope	Derr
1/L1	Wall H	eater		A	с	1	2.5	1.5	0.4	60898 N	СВ	с	10	6	N/A	2.19
1/L2	Wall H	eater		A	с	1	2.5	1.5	0.4	60898 N	СВ	с	10	6	N/A	2.19
1/L3	Male/	Female WC Lights		A	c	10	1.5	1	0.4	60898 N	СВ	с	10	6	N/A	2.19
2/L1	Mut 2	Staff Room Passage L	.ts	A	c	20	1.5	1	0.4	60898 N	СВ	c	10	6	N/A	2.19
	MUT 3	Lights								60898 N	СВ					
2/L2	ICT Lig	hts		A	C	15	1.5	1	0.4	60898 N	СВ	С	10	6	N/A	2.19
2/L3	L3 SPARE			A	C	7	1.5	1	0.4	-		С	10	6	N/A	2.19
3/L1	L1 SPARF			-	-	-	-	-	-	-		-	-	-	-	-
3/L2	/L2 SPARE			-	-	-	-	-	-			-	-	-	-	-
3/L3				-	-	-	-	-	-	- -	CD	-	-	-	-	-
4/L1		sion Heater		A	с	1	2.5	1.5	0.4	60898 N		С	16	6	N/A	1.37
4/L2	Data C			A	с	10	6	4	0.4	60898 N		С	32	6	N/A	0.68
4/L3	ICT So	ckets		A	с	20	2.5	1.5	0.4	60898 N	CB	С	32	6	N/A	0.68
5/L1	MUT 2	Sockets		A	с	12	2.5	1.5	0.4	60898 N	СВ	С	32	6	N/A	0.68
5/L2	MUT 3	Sockets & Staff Base	ment	A	с	35	4	2.5	0.4	60898 N	СВ	С	32	6	N/A	0.68
5/L3	SPARE			-	-	-	-	-	-	-		-	-	-	-	-
6/TP	SPARE			-	-	-	-	-	-	-		-	-	-	-	-
					+											
					-											
	A B C				D		E		F		G		Н		O (Ot	her)
Thorm	Thermoplastic Thermoplastic Thermop			tic T	hermopla	istic	Thermop	lastic								
insu	insulated/ cables in metallic cables i			n- ca	bles in me	etallic	cables in	non-	Thermop SWA ca		hermosettin SWA cables		Miner sulated o			
sneath	sheathed cables conduit metallic cables i metallic cables i metallic				trunkin	s  n	netallic tr	unking								
			-													

ONLY		MPLETED IF	HE ORIGIN	OF THE INS	TALLATION		CTED		TE	ST INSTR	UMENTS USE	D (SERIAL	NUMBERS	5)	
				s distributio			_	Continu	ity 1411	L3019		RCD	14113	019	_
	g times of	Zs at DB		Ω		DB 1.30		Insulation resistan	1/11	13019		Earth Electrode	N/A		-
associate applicable		At l∆n	N/A	ms		∆n N/A	ms	Earth	le			Resistance			
Correct s	upply pola	rity confirme	ed 🗸		equence con appropriate		✓	fault loo impeda		L3019		Other	N/A		
N/A															
pu		Circ	uit Impeda	nces			Insulation	resistanc	9		Maximum	BCD	perating	times	et
Circuit number and phase			Ω	All cir	rcuits					tγ	measured earth fault			1	Remarks see continuation sheet
t numb phase	Ring (me	g final circuit asure end to	s only end)		ne column	Line/ Line	Line/ Neutral	Line/ Earth	Neutral/ Earth	Polarity	loop impedance	@ l∆n	@ 5l∆n	Test button operation	Remarks see ntinuation she
Circui	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	(R ₁ + R ₂ )	R ₂	(MΩ)	(MΩ)	(MΩ)	(MΩ)		Zs Ω	(ms)	(ms)	Test k oper	Re contir
1/L1	N/A	N/A	N/A	0.10	N/A		200	200	200	$\checkmark$	0.39	N/A	N/A	N/A	
1/L2 N/A N/A N/A 0.11 N/A 200 200 200 ✓ 0.38 N/A N/A N/A															
1/L3 N/A N/A N/A 0.23 N/A 200 200 200 ✓ 0.50 N/A N/A N/A															
2/L1     N/A     N/A     1.92     N/A     200     200     200     ✓     2.26     N/A     N/A       2/L2     N/A     N/A     1.72     N/A     200     200     200     1.01     N/A     N/A															
2/L2	N/A	N/A	N/A	1.72	N/A		200	200	200	$\checkmark$	1.91	N/A	N/A	N/A	
2/L3	N/A	N/A	N/A	0.72	N/A		200	200	200	$\checkmark$	0.99	N/A	N/A	N/A	
3/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4/L1	N/A	N/A	N/A	0.08	N/A		200	200	200	$\checkmark$	0.27	N/A	N/A	N/A	
4/L2	N/A	N/A	N/A	0.28	N/A		200	200	200	$\checkmark$	0.47	N/A	N/A	N/A	
4/L3	N/A	N/A	N/A	0.44	N/A		200	200	200	$\checkmark$	0.61	N/A	N/A	N/A	
5/L1	N/A	N/A	N/A	0.33	N/A		200	200	200	$\checkmark$	0.51	N/A	N/A	N/A	
5/L2	N/A	N/A	N/A	0.59	N/A		200	200	200	$\checkmark$	0.78	N/A	N/A	N/A	
5/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6/TP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
								~~~							
Name R	SELF				Signa	ature			Jest (\sum		Date 3	1/01/201	L6	
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T	O BE CC	MPLETED IN EVERY C	CASE	ONLY	TO BE C	OMPLET	ED IF THI	E DISTRI		OARD IS NO	OT CONNECT	red Dif	RECTLY T	O THE C	RIGIN O	F THE
Locatior	of	2ND FLOOR TOILE		Supply to		ub Maii	ns(SECTI	ON DB	DB1, 4/T	TP)		As	sociated	l RCD (if	any)	
Distribu Board			t	listributi board is t No of pha	from			Nomina	al Voltage	400 V	BS(EN)		N	/A		
Distribu	tion	2ND FLOOR DB3		·					ribution ci		RCD No	of Pole	s N	/A		
board designa	tion		г	ype BS(EN) 6	0898 N	ICB C		Rating	63 A	RCD Rati	ing		, /A		mA
									_							
and				<u>م</u>		s	Cir	cuit	d nes	Ov	ercurrent p	rotectiv	ve device	5	RCD	s BS
Circuit number and phase		Circuit designati	ion	Type of wiring	Reference method	No of points served	Live Live	tors csa cpc (mm²)	Max permitted disconnection times by BS 7671 (s)	BS	EN)	Type	Rating (A)	Breaking Capacity (kA)	Operating current, I∆ n (mA)	Maximum Zs permitted by BS 7671 (Ω)
1/L1	Circuit	Not Tested		Α	с	1	2.5	1.5	0.4	61009 RC	D/RCBO	В	16	6	30	2.73
1/L2	RCD M	odule (Split Board)		_	_	_	-	-	_	-		-	-	-	-	-
1/L3	Sub M	ains(2ND BOILER DB)		A	с	1	6	4	0.4	60898 MC	В	В	40	6	N/A	1.09
2/L1	Office	3 Lights		A	c	7	1.5	1	0.4	60898 MC	В	В	10	6	, N/A	4.37
2/L2	Lobby,	'Toilet/Hall/Kitchen L	ts	A	с	13	1.5	1	0.4	60898 MC	В	В	10	6	N/A	4.37
2/L3	Office	4,5,6,7 Lights		Α	с	13	1.5	1	0.4	60898 MC	В	В	10	6	N/A	4.37
3/L1	Office	3-7 Passage Sockets		A	с	13	2.5	1.5	0.4	60898 MC	В	В	32	6	N/A	1.37
3/L2	Oven			A	с	1	6	4	0.4	60898 MC	В	В	32	6	N/A	1.37
3/L3	Office	1,2,meeting,Recep Sk	cts	A	с	14	2.5	1.5	0.4	60898 MC	В	В	32	6	N/A	1.37
4/L1	Passag	e Lights		A	с	10	1.5	1	0.4	60898 MC	В	В	10	6	N/A	4.37
4/L2	Kitche	n Data Room Sockets		Α	с	7	2.5	1.5	0.4	60898 MC	В	В	32	6	N/A	1.37
4/L3	Dishwa	asher		Α	с	1	2.5	1.5	0.4	60898 MC	В	В	16	6	N/A	2.73
5/L1	Hob			Α	с	1	6	4	0.4	60898 MC	В	В	32	6	N/A	1.37
5/L2	Socket	s Lift Lobby		Α	с	1	2.5	1.5	0.4	60898 MC	В	В	10	6	N/A	4.37
5/L3	SPARE			-	-	-	-	-	-	-		-	-	-	-	-
6/L1	Data C	ab Sockets		A	с	1	2.5	1.5	0.4	60898 MC	В	В	16	6	N/A	2.73
6/L2	Office	1,2,recep,Meet Light	S	Α	с	12	1	1	0.4	60898 MC	В	В	10	6	N/A	4.37
6/L3	SPARE			-	-	-	-	-	-	-		-	-	-	-	-
									1				ı	ı	1	1
	A B C				D		E		F		G		н		O (Ot	her)
Therm	Thermoplastic insulated/ sheathed cables			n- cab	nermopla les in me trunkin	etallic	Thermop cables in netallic tr	non-	Thermop SWA ca		ermosettin SWA cables		Miner sulated o			-

ONLY		MPLETED IF	HE ORIGIN	OF THE INS	STALLATION		CTED		TE	ST INSTR	UMENTS USE	D (SERIAL	NUMBERS	5)	
		Characteri	stics at this	s distributio	n board			Continu	ity 1411	L3019		RCD	14113	019	
Operating	g times of	Zs at DB	0.19	Ω	I _{pf} at	DB 1.20) kA	Insulatio	on 1411	2010		Earth Electrode	NI / A		_
associate	d RCD (if	At l∆n	N/A	ms	At 5	l∆n N/A	ms	resistan Earth	ce 1411	13019		Resistance	N/A		
applicable Correct su		rity confirme	ed 🗸		equence con appropriate		✓	fault loc impeda		L3019		Other	N/A		
						,		Inpeda	lice						
N/A															
r and		Circ	uit Impeda Ω	nces			Insulation	resistanc	e		Maximum measured	RCD c	perating	times	heet
Circuit number and phase		g final circuit			rcuits ne column	Line/	Line/	Line/	Neutral/	Polarity	earth fault loop	@ I∆n	@ 5l∆n	on	Remarks see continuation sheet
cuit n pł	(me	asure end to	end)		mpleted)	Line (MΩ)	Neutral (MΩ)	Earth (MΩ)	Earth (MΩ)	Ро	impedance Zs	(ms)	(ms)	Test button operation	Rema
cir	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	$(R_1 + R_2)$	R ₂	(11122)	(10132)	(10122)	(10132)		Ω	(113)	(113)	or Te	COL
1/L1														<u> </u>	
1/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1/L3	N/A	N/A	N/A	0.25	N/A		200	200	200	\checkmark	0.43	N/A	N/A	N/A	
2/L1	N/A	N/A	N/A	0.48	N/A		200	200	200	\checkmark	0.67	N/A	N/A	N/A	
2/L2	N/A	N/A	N/A	0.50	N/A		200	200	200	\checkmark	0.69	N/A	N/A	N/A	
2/L3	N/A	N/A	N/A	0.77	N/A		200	200	200	\checkmark	0.96	N/A	N/A	N/A	
3/L1	0.80	0.78	1.01	0.48	N/A		200	200	200	\checkmark	0.66	N/A	N/A	N/A	
3/L2	N/A	N/A	N/A	0.04	N/A		200	200	200	\checkmark	0.22	N/A	N/A	N/A	
3/L3	1.01	1.04	1.19	0.47	N/A		200	200	200	▼ √	0.68	N/A	N/A	N/A	
4/L1	N/A	N/A	N/A	1.09	N/A		200	200	200	▼ √	1.34	N/A	N/A	N/A	
4/L2	1.30	1.38	1.51	0.43	N/A		200	200	200	▼ √	0.62	N/A	N/A	N/A	
4/L3	N/A N/A	N/A	N/A	0.25	N/A		200	200	200	▼ √	0.45	N/A	N/A	N/A	
5/L1	N/A	N/A	N/A	0.05	N/A N/A		200	200	200	▼ √	0.25	N/A	N/A	N/A	
5/L2 5/L3	N/A	N/A -	N/A -	0.26	- N/A	_	200	200	200	• -	0.46	N/A	N/A -	N/A _	
6/L1	N/A	N/A	N/A	0.47	N/A	-	200	200	200	\checkmark	0.66	- N/A	N/A	N/A	-
6/L2	N/A	N/A	N/A	1.66	N/A		200	200	200	▼ √	1.82	N/A	N/A	N/A	
6/L3	-	-	-	-	-	-	-	- 200	-	-	-	-	-	-	_
0/15															
														<u> </u>	
				I	I	I	I	1			I			1	1
								5							
Name R	SELF				Signa	ature		₹	- A			Date 3	1/01/201	16	

т	O BE CC	MPLETED IN EVERY C	CASE	ONLY	TO BE CO	OMPLET	ED IF THI	E DISTRI		OARD IS	NOT CONNEC	TED DII	RECTLY T	O THE C	ORIGIN O	F THE
Location		3rd FLOOR LANDIN		Supply to distribut		ub Maii	ns(SECTI	ION DB	DB1, 5/T	TP)		As	ssociated		any)	
Distribu Board	tion			board is No of ph				Nomina	al Voltage	400	BS(EN)		N	/A		
Distribu	tion	3rd Floor DB4		·		activa da			ribution ci		RCD No	of Pole	ac N	/A		
board designa	tion			Type BS(0898 N		the dist	Rating	63	A RCD Rat			/A /A		mA
ucsignu				ype b5		0898 10			itating	03		.ing		/A		IIIA
pu	1					1			s		Overcurrent p	rotecti	ve devic		RCD	
Circuit number and phase				Type of wiring	d G	ints d	-	cuit tors csa	Max permitted disconnection times by BS 7671 (s)					-		Maximum Zs permitted by BS 7671 (Ω)
numb phase		Circuit designat	ion	of w	Reference method	No of points served		1	Max permitted sconnection tim by BS 7671 (s)			e	g (A)	king :y (k⁄	ating t, I∆ r A)	Maximum Zs ermitted by E 7671 (Ω)
rcuit				Type	Re	NO 6	Live (mm ²)	cpc (mm²)	Max sconr by B		BS(EN)	Type	Rating (A)	Breaking Capacity (kA)	Operating current, I∆ n (mA)	Max Max J6 76
Ē	R/h Of	fice Sockets					()	()	di.	60898	MCB			്	5	<u>a</u>
1/L1	, -			A	С	7	2.5	1.5	0.4			В	32	6	N/A	1.37
1/L2		fice Sockets		Α	С	7	2.5	1.5	0.4	60898	-	В	32	6	N/A	1.37
1/L3	Boardı	oom Sockets		A	с	11	2.5	1.5	0.4	60898	MCB	В	32	6	N/A	1.37
2/L1	R/h Of	fice Lights		А	С	9	1.5	1	0.4	60898	ИСВ	В	10	6	N/A	4.37
2/L2	L/h Of	fice Lights		А	с	9	1.5	1	0.4	60898	МСВ	В	10	6	N/A	4.37
2/L3	Boardı	oom Lights		А	с	4	1.5	1	0.4	60898	МСВ	В	10	6	N/A	4.37
3/L1	Ladies	Hand Dryer		A	c	1	2.5	1.5	0.4	60898	ИСВ	В	20	6	N/A	2.19
-	L/h Of	fice AC								60898	ИСВ					
3/L2	Water	Heater		A	C	1	2.5	1.5	0.4	60898	ИСВ	В	20	6	N/A	2.19
3/L3	SPARE			A	C	1	2.5	1.5	0.4	-		В	20	6	N/A	2.19
4/L1	SPARE			-	-	-	-	-	-			-	-	-	-	-
4/L2				-	-	-	-	-	-	-		-	-	-	-	-
4/L3	SPARE			-	-	-	-	-	-	-		-	-	-	-	-
5/L1		fice Sockets		А	с	9	2.5	1.5	0.4	60898		В	32	6	N/A	1.37
5/L2	L/h Of	fice Sockets		А	С	7	2.5	1.5	0.4	60898	ИСВ	В	32	6	N/A	1.37
5/L3	Kitche	n/Lobby Sockets		А	С	5	2.5	1.5	0.4	60898	МСВ	В	32	6	N/A	1.37
6/L1	R/h Of	fice Lights		А	с	13	1.5	1	0.4	60898	ИСВ	В	10	6	N/A	4.37
6/L2	L/h Of	fice Lights		Α	с	8	1.5	1	0.4	60898	МСВ	В	10	6	N/A	4.37
6/L3	Kitche	n/Lobby WC Lights		A	c	16	1.5	1	0.4	60898	МСВ	В	10	6	N/A	4.37
7/L1	R/h Of	fice AC			c				0.4	60898	МСВ		20	6		
	Gents	Hand Dryer		A		1	2.5	1.5		60898	МСВ	B			N/A	2.19
7/L2	Water	Heater		A	C	1	2.5	1.5	0.4	60898	ИСВ	В	20	6	N/A	2.19
7/L3	Stair Li			A	С	1	2.5	1.5	0.4	60898		В	20	6	N/A	2.19
8/L1	SPARE	•		A	С	22	1.5	1	0.4	000501		В	10	6	N/A	4.37
8/L2				-	-	-	-	-	-	-		-	-	-	-	-
8/L3	SPARE			-	-	-	-	-	-	-		-	-	-	-	-
	A B C				D		E		F		G		н		O (Ot	ther)
											-	+			- (0)	,
Thermoplastic Thermoplastic Thermop insulated/ cables in metallic cables in					hermopla ples in me		Thermop cables in		Thermop		Thermosettin		Miner			
	sheathed cables conduit metallic cables in metallic				trunkin		netallic tr		SWA ca	ables	SWA cable	s in	sulated	cables		

ONLY		MPLETED IF RECTLY TO T					CTED		TE	ST INSTR	UMENTS USE	D (SERIAL I	NUMBERS	5)	
		Characteri	stics at this	s distributio	n board			Continu	ity 1411	13019		RCD	14113	019	
0		Zs at DB	0.34	Ω	I _{pf} at	DB 0.70) kA	Insulatio	on			Earth			
associate		At l∆n	N/A	ms	At 5	l∆n N/A	ms	resistan Earth	ce 1411	13019		Electrode Resistance	N/A		
applicable Correct se		rity confirme	ed 🗸		quence com oppropriate		✓	fault loc impeda		13019		Other	N/A		
						,		Inpeda	lice						
N/A															
	1	Ciro	uit Impeda	2000								1			
er and		Circ					Insulation	resistanc	e		Maximum measured		perating	times	ee sheet
numbe		g final circuit asure end to		All cir (At least or	ne column	Line/	Line/	Line/	Neutral/	Polarity	earth fault loop	@ l∆n	@ 5l∆n	tton ion	Remarks see Itinuation she
Circuit number and phase		r _n (Neutral)		to be cor $(R_1 + R_2)$	npleted)	Line (MΩ)	Neutral (MΩ)	Earth (MΩ)	Earth (MΩ)	Pe	impedance Zs	(ms)	(ms)	Test button operation	Remarks see continuation sheet
1/L1	>1999	1.20	0.67				200	200	200	\checkmark	Ω 0.79	NI/A	N/A	⊢ - N/A	Ŭ
1/L1 1/L2	0.32	0.33	0.87	X 0.08	N/A N/A		200	200	200	▼ ✓	0.79	N/A N/A	N/A N/A	N/A	
1/L2	0.37	0.42	0.45	0.21	N/A		200	200	200	\checkmark	0.58	N/A	N/A	N/A	
2/L1	N/A	N/A	N/A	1.09	, N/A		200	200	200	\checkmark	1.42	, N/A	, N/A	, N/A	
, 2/L2	, N/A	, N/A	, N/A	0.69	, N/A		200	200	200	\checkmark	0.87	, N/A	, N/A	, N/A	
2/L3	N/A	N/A	N/A	0.19	N/A		200	200	200	\checkmark	0.51	N/A	N/A	N/A	
3/L1	N/A	N/A	N/A	0.12	N/A		200	200	200	\checkmark	0.46	N/A	N/A	N/A	
3/L2	N/A	N/A	N/A	0.66	N/A		200	200	200	\checkmark	0.94	N/A	N/A	N/A	
3/L3	N/A	N/A	N/A	0.19	N/A		200	200	200	\checkmark	0.53	N/A	N/A	N/A	
4/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/L1	>1999	>1999	>1999	х	N/A		200	200	200	\checkmark	0.87	N/A	N/A	N/A	
5/L2	0.61	0.67	0.78	0.35	N/A		200	200	200	\checkmark	0.66	N/A	N/A	N/A	
5/L3	0.29	0.29	0.40	0.17	N/A		200	200	200	 ✓ 	0.57	N/A	N/A	N/A	
6/L1	N/A	N/A	N/A	0.89	N/A		200	200	200	\checkmark	1.22	N/A	N/A	N/A	
6/L2	N/A	N/A	N/A	1.12	N/A		200	200	200	\checkmark	1.46	N/A	N/A	N/A	
6/L3	N/A	N/A	N/A	0.55	N/A		200	200	200	\checkmark	0.89	N/A	N/A	N/A	
7/L1	N/A	N/A	N/A	0.71	N/A		200	200	200	\checkmark	1.00	N/A	N/A	N/A	
7/L2	N/A	N/A	N/A	0.13	N/A		200	200	200	\checkmark	0.47	N/A	N/A	N/A	
7/L3	N/A	N/A	N/A	0.07	N/A		200	200	200	\checkmark	0.41	N/A	N/A	N/A	
8/L1	N/A	N/A	N/A	2.01	N/A		200	200	200	\checkmark	2.33	N/A	N/A	N/A	
8/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
								~~							
Name R SELF Signature Date 31/01/2016															

т		OMPLETED IN EVERY C	ASE	ONLY	TO BE C	OMPLET	ED IF TH	e distri	BUTION B	OARD IS		NNECTEI	D DIR	RECTLY T	O THE C	RIGIN O	F THE
		CAFE		upply to) S	ub Maiı	ns(SECT	ION DB	IN DB1, 6/T	ISTALLAT TP)	ON		As	sociated	RCD (if	any)	
Location Distribut Board			b	listributi loard is f	on from		•					S(EN)			/A		
Distriku			1	lo of pha	ases 3	-		Nomina	I Voltage	400	V						- 11
Distribu [:] board	tion	CAFE DB	C	Overcurr	ent prot	ective de	evice for	the disti	ibution ci	rcuit	RC	CD No of	Pole	s N,	/A		
designat	tion		Т	ype BS(I	EN) 6	0898 M	ICB C		Rating	63	A RC	CD Rating	3	N	/A		mA
- 75				1	1	1	-		1	1						1	1
Circuit number and phase		Circuit designati	on	Type of wiring	Reference method	No of points served		cuit ctors csa cpc (mm²)	Max permitted disconnection times by BS 7671 (s)		Overcuri S(EN)	rent prot	Type	Rating (A)	Breaking Capacity (kA)	Operating current, I∆ n CD3 (mA)	Maximum Zs permitted by BS 7671 (Ω)
	Hob			-						60898 N	1СВ		-				
1/TP	Oven			С	С	1	6	6	0.4	60898 N	ICB		С	32	10	N/A	0.68
2/TP	Griddl	0		С	С	1	6	6	0.4	60898 N	-		С	32	10	N/A	0.68
3/TP				С	С	1	6	6	0.4				С	16	10	N/A	1.37
4/L1		n Sockets		А	С	11	4	2.5	0.4	61009 F		30	С	32	10	30	0.68
4/L2	Coffee	e Machine		А	с	1	2.5	2.5	0.4	60898 N	1CB		В	20	10	N/A	2.19
4/L3	SPARE			A	с	1	2.5	2.5	0.4	60898 N	1CB		В	16	10	N/A	2.73
5/L1	L1 SPARE			-	-	-	-	-	-	-			-	-	-	-	-
5/L2	Extract Fan			А	с	1	2.5	1.5	0.4	60898 N	1CB		в	10	10	N/A	4.37
5/L3	L2 Entrance Lights			А	с	4	1	1	0.4	60898 N	1CB		в	6	10	N/A	7.28
6/L1	Servei	ry Lights		A	c	5	1	1	0.4	60898 N	1CB		с	6	10	, N/A	3.64
6/L2	Kitche	n Toilet Lights		A	c	10	1	1	0.4	60898 N	1CB		c	6	10	N/A	3.64
6/L3	Cafe F	low Lights		A	c	4	1	1	0.4	60898 N	1CB		c	6	10	N/A	3.64
7/L1	Cafe S	pots			c				0.4	60898 N	1CB			6			3.64
	Servei	ry Sockets		A		6	1	1	-	61009 F	CD/RCB	30	c c		10	N/A	
7/L2	Circuit	Not Tested		A	С	12	2.5	1.5	0.4				L	32	10	30	0.68
7/L3	Dishw	asher								60898 N	1CB						
8/TP				A	C	1	4	4	0.4				С	32	10	N/A	0.68
														·	ı		1
	A B C				D		E		F			G		Н		O (Ot	her)
Therm	A B Thermoplastic Thermoplastic cables in metallic cables sheathed cables			n- cab	nermopla les in me trunkin	etallic	Thermop cables in netallic tr	non-	Thermop SWA ca		Thermo	osetting / cables		Minera sulated c			

	NLY TO BE COMPLETED IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION TEST INSTRUMENTS USED (SERIAL NUMBERS)														
ONLY		IRECTLY TO T	THE ORIGIN	OF THE INS	TALLATION		CTED		TE	ST INSTR	UMENTS USE	D (SERIAL	NUMBERS	5)	
		Characteri	istics at this	s distributio	n board			Continu	ity 1411	13019		RCD	14113	019	
Operating	g times of	Zs at DB	0.17	Ω	I _{pf} at	DB 1.20) kA	Insulatio	1 / 1 1	13019		Earth Electrode	N/A		_
associate	d RCD (if	At l∆n	N/A	ms	At 5	∆n N/A	ms	resistan Earth	ce 1411	13019		Resistance			
		rity confirme	ed 🗸		equence com appropriate		\checkmark	fault loc impeda		3019		Other	N/A		
								pead							
N/A															
	1	C	11.1								1				
Circuit number and phase		CIFC	uit Impeda Ω	nces			Insulation	resistanc	e		Maximum measured		operating	times	ee sheet
numbe		g final circuit		All cir (At least o	rcuits ne column	Line/	Line/	Line/	Neutral/	Polarity	earth fault loop	@ l∆n	@ 5l∆n	ton ion	Remarks see continuation sheet
rcuit r p		asure end to		to be co	Earth (MΩ)	Рс	impedance Zs	(ms)	(ms)	Test button operation	Rem				
1/TP N/A N/A N/A 0.03 N/A N/A 200 200 200 √ 0.29 N/A N/A N/A														8	
	-			\checkmark		-									
2/TP	N/A	N/A	N/A	0.04	200		0.28	N/A	N/A	N/A					
3/TP	N/A	N/A	N/A	0.10	N/A	N/A	200	200	200	$\overline{\checkmark}$	0.34	N/A	N/A	N/A	
4/L1	0.31	0.34	0.41	0.18	N/A		200	200	200	▼ √	0.68	58	25		
4/L2	N/A	N/A	N/A	0.61	N/A		200	200	200	▼ ✓	0.70	N/A	N/A	N/A	
4/L3	N/A	N/A	N/A	0.41	N/A		200	200	200		0.61	N/A	N/A	N/A	
5/L1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/L2	N/A N/A	N/A	N/A	0.02	N/A		200	200 200	200	▼ ✓	0.26	N/A	N/A	N/A	
5/L3 6/L1	N/A	N/A N/A	N/A N/A	1.20 0.91	N/A N/A		200 200	200	200 200	▼ ✓	1.43 1.01	N/A N/A	N/A N/A	N/A N/A	
6/L2	N/A	N/A	N/A	1.01	N/A		200	200	200	▼ √	1.01	N/A	N/A	N/A	
6/L3	N/A	N/A	N/A	0.96	N/A		200	200	200	• √	1.17	N/A	N/A	N/A	
7/L1	N/A	N/A	N/A	0.90	N/A		200	200	200	• √	1.14	N/A	N/A	N/A	
7/L2	0.58	0.59	0.70	0.33	N/A		200	200	200	• ✓	0.60	175	57		
7/L3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_
8/TP	N/A	N/A	N/A	0.03	N/A	N/A	200	200	200	\checkmark	0.20	N/A	N/A	N/A	
					,					•					
												1			
Name	6515				Signa	turo		25	× ×			Data	1 104 122	16	
Name R	SELF				Signa				-			Date 3	1/01/201	LO	

Т	O BE CO	OMPLETED IN EVERY C	CASE	ONL	LY TO BE CO	OMPLET	ED IF THI	E DISTRI		OARD IS N		CONNECT	ED DIF	RECTLY T	O THE C	DRIGIN O	FTHE
Location Distribu		BOILER ROOM	di	upply istribu oard is		ub Mair	ns(BASE	MENT	DB2, 5/L2	2)			As	sociated	l RCD (if /A	any)	
Board			N	o of p	hases 1			Nomina	al Voltage	230	v	BS(EN)					
Distribu board	tion	BOILER DB	0	vercu	rrent prote	ective de	evice for	the dist	ribution ci	rcuit		RCD No c	of Pole	s N	/A		
designa	tion		יד	ype BS	5(EN) 6	0898 M	ICB C		Rating	32	А	RCD Rati	ng	Ν	/A		mA
r and				ß	0	ts		cuit	ed cimes (s)	C	Overo	current pr	otectiv	ve device		RCD	ZS / BS
Circuit number and phase		Circuit designati	ion	Type of wiring	Reference method	No of points served	Live Live	ctors csa cpc (mm²)	Max permitted disconnection times by BS 7671 (s)		3S(EN	1)	Type	Rating (A)	Breaking Capacity (kA)	Operating current, I∆ n (mA)	Maximum Zs permitted by BS 7671 (Ω)
1/L2	Lights			D	с	1	1.5	1	0.4	60898 N			В	6	10	N/A	7.28
2/L2	Socket	ts		D	С	1	4	2.5	0.4	60898 N			В	16	10	N/A	2.73
3/L2	Panel			D	С	1	4	2.5	0.4	60898 N	ЛСВ		В	32	10	N/A	1.37
4/L2	SPARE			-	-	-	-	-	-	-			-	-	-	-	-
5/L2	SPARE			-	-	-	-	-	-	-			-	-	-	-	-
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	1 1																
	A B				D		E		F			G		Н		O (Ot	her)
insu	Thermoplastic insulated/ heathed cables the			n- ca	Thermopla ables in me trunking	etallic	Thermop cables in netallic tr	non-	Thermop SWA ca			mosetting VA cables		Miner sulated o	I		

ONLY		MPLETED IF					CTED		TE	EST INSTR	UMENTS USE	D (SERIAL	NUMBERS	5)	
				s distributio				Continu	ity 141	13019		RCD	14113	019	
Operating	g times of	Zs at DB	0.25	Ω	I _{pf} at	DB 0.9	kA	Insulatio	1 / 1 /	13019		Earth Electrode	N/A		
associate applicable	d RCD (if	At l∆n	N/A	ms		l∆n N/A	ms	resistan Earth				Resistance			
		rity confirme	ed 🗸		equence co appropriate		✓	fault loo impeda		13019		Other	N/A		
N/A															
and		Circ	uit Impeda Ω	nces			Insulation	resistanc	e		Maximum measured	RCD o	operating	times	eet
Circuit number and phase	Rin	g final circuit asure end to		ne column		Line/	Line/	Neutral/	Polarity	earth fault loop	@ l∆n	@ 5l∆n	5l∆n ti nol		
Circuit		r _n (Neutral)		to be contract $(R_1 + R_2)$	npleted) R ₂	Line (MΩ)	Neutral (MΩ)	Earth (MΩ)	Earth (MΩ)	٩.	impedance Zs Ω	(ms)	(ms)	Test button operation	Remarks see continuation sheet
1/L2	N/A	N/A	N/A	0.18	N/A		200	200	200	\checkmark	0.41	N/A	N/A	N/A	
2/L2	N/A	N/A	N/A	0.05	N/A		200	200	200	\checkmark	0.30	N/A	N/A	N/A	
3/L2	N/A	N/A	N/A	0.06	N/A		200	200	200	\checkmark	0.30	N/A	N/A	N/A	
4/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5/L2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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т	O BE CC	OMPLETED IN EVERY C	CASE	ONL	LY TO BE CO	OMPLET	ED IF TH	E DISTRI		OARD IS N ISTALLATI	IOT CONNEC	TED DII	RECTLY T	O THE C	DRIGIN O	F THE
Locatior Distribu		STORE ROOM 2ND	d	Supply t distribu board is	ution	ub Mair	ns(2ND	FLOOR	DB3, 1/L	3)		As	ssociated N	l RCD (if /A	any)	
Board				No of pl				Nomina	al Voltage	230	BS(EN)			/~		
Distribu board	tion	2ND BOILER DB	c	Overcu	irrent prote	ective de	evice for	the dist	ribution ci	rcuit	RCD No	of Pole	es N	/A		
designa	tion		Т	Гуре BS	S(EN) 60	0898 M	ІСВ В		Rating	40	A RCD Rat	ing	N	/A		mA
pu									S		vercurrent p	rotecti	ive device		RCD	
Circuit number and phase		Circuit designati	ion	Type of wiring	Reference method	No of points served		ctors csa	lax perm onnectio y BS 767	В	S(EN)	Type	Rating (A)	Breaking Capacity (kA)	Operating current, I∆ n (mA)	Maximum Zs permitted by BS 7671 (Ω)
1/L3	SPUR			Α	E	1	2.5	1.5	0.4	60898 M		с	16	6	N/A	1.37
2/L3	SPUR			Α	E	1	2.5	1.5	0.4	60898 M		с	16	6	N/A	1.37
3/L3	SPUR			A	E	1	2.5	1.5	0.4	60898 M		с	16	6	N/A	1.37
4/L3	Light			Α	E	1	1.5	1	0.4	60898 M	СВ	с	6	6	N/A	3.64
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	A	В	С	\rightarrow	D		E		F		G		Н	$ \rightarrow $	O (Ot	:her)
insu	noplasti Ilated/ ed cable	cables in metallic	Thermoplast cables in noi metallic cond	n- ca	Thermopla ables in me trunking	etallic	Thermop cables in netallic tr	non-	Thermop SWA ca		hermosettin SWA cables		Miner nsulated c			

ONLY		MPLETED IF					CTED		TE	ST INSTR	UMENTS USE	D (SERIAL	NUMBERS	5)	
				s distributio				Continu	ity 1411	13019		RCD	14113	019	
Operatin	g times of	Zs at DB	0.43	Ω	I _{pf} at	DB 0.5	kA	Insulatio	1 / 1 /	13019		Earth Electrode	N/A		-
	ed RCD (if	At l∆n	N/A	ms		l∆n N/A	ms	resistan Earth				Resistance			
		rity confirme	ed 🗸		equence con appropriate		✓	fault loo impeda		13019		Other	N/A		
N/A															
g		Circ	uit Impeda	nces					_		Maximum				it I
Circuit number and phase		<u> </u>	Ω	All cir	rcuits		Insulation	resistanc	e	ity	measured earth fault		perating t	1	s see on shee
uit numb phase	Ring final circuits only (measure end to end)			(At least one column to be completed)		Line/ Line	Line/ Neutral	Line/ Earth	Neutral/ Earth	Polarity	loop impedance	@ l∆n	@ 5l∆n	Test button operation	Remarks see continuation sheet
Circu	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	(R ₁ + R ₂)	R ₂	(MΩ)	(MΩ)	(MΩ)	(MΩ)		Zs Ω	(ms)	(ms)	Test ope	R cont
1/L3	N/A	N/A	N/A	0.08	N/A		200	200	200	\checkmark	0.51	N/A	N/A	N/A	
2/L3	N/A	N/A	N/A	0.10	N/A		200	200	200	\checkmark	0.52	N/A	N/A	N/A	
3/L3	N/A	N/A	N/A	0.08	N/A		200	200	200	\checkmark	0.55	N/A	N/A	N/A	
4/L3	N/A	N/A	N/A	0.41	N/A		200	200	200	\checkmark	0.81	N/A	N/A	N/A	
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em No	Observations	Code
32	Ground Floor - 4L2 & 3 RCBO's required	C2
33	Basement - Evidence of water damage to socket in bike repair	C3
34	Basement - Extention lead to run fridges trapped in door	C2
35	Basement - 2 Holes in DB which allow a BS Finger	C2
36	Basement - 4 Holes in meter housing large enough for finger/Debris	C2
37	Basement - Tubular heater lay on floor	C2
38	Basement - Grommits and glands missing in various areas	C3
39	Basement - Extention lead flex trailing on floor	C2
40	Basement - 11L3 lighting circuit requires RCBO	C2
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C2 - Potentially dangerous - urgent remedial action required

- C3 Improvement recommended
- FI Further investigation required without delay