

ELECTRICAL INSTALLATION CONDITION REPORT

Requirements For Electrical Installations - BS 7671 IET Wiring Regulations Report Reference:

DETAILS OF THE PERSON ORDERING THE REPORT Client:
Address:
2 REASON FOR PRODUCING THIS REPORT Reason for producing this report: PERIODIC INSTALLATION CONDITION REPORT REQUESTED BY CLIENT
Date(s) on which inspection and testing was carried out: 08/04/2020
3 DETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT Installation Address:
Description of premises:       Domestic       N/A       Commercial       Industrial       N/A       OHer:       N/A       N/A       OHer:       N/A       OH
EXTENT AND LIMITATIONS OF INSPECTION AND TESTING Extent of the electrical installation covered by this report: None.
Agreed limitations including the reasons (see Regulation 653.2): LIGHTING CIRCUIT INSULATION RESISTANCE TESTS WILL BE A COMBINED L-N TO EARTH, NO READING BETWEEN L-N WILL BE TAKEN AND INSTEAD RECORDED AS A LIMITATION. MAIN EARTHING CONDUCTOR CANNOT BE REMOVED AT INTAKE POSITION BECAUSE IT SUPPLIES EARTH TO ADJACKT PROPERTY: "HEREFORE 26 READING WILL BE TAKEN AT MET. IT HAS NOT BEEN POSSIBLE TO EXAMINE THE EARTH OF ALL CIRCUITS DUE TO CABLES BEING BURIED IN THE FABRIC OF THE BUILDING: CERTAIN INSPECTIONS HAVE THEREFORE BEEN NOTED AS NOT VERIFIED (N/V) ON THE INSPECTION SCHEDULE WHERE APPLICABLE. Z VALUES WILL BE CALCULATED FROM A MEASUREMENT OF Z0 + MEASUREMENT DUE TO OVERCROWDING OF CONDUCTORS IN DB. CIRCUITS 1B, 3B AND 4B: CPCS NOT DISCONNECTED FROM MET WHEN TAKING RT-R2 MEASUREMENT DUE TO OVERCROWDING OF CONDUCTORS IN DB. UNABLE TO CARRY OUT INSULATION RESISTANCE TESTS ON SOME CIRCUITS (DENOTED WITH A "LIM") DUE TO OVERCROWDING OF CONDUCTORS IN DB.
Agreed with: Operational limitations including the reasons: INSULATION RESISTANCE TEST NOT CARRIED OUT ON SWA DISTRIBUTION CABLE DUE TO OFFICES BEING IN USE AT TIME OF TESTING.
The inspection and testing detailed in this report and accompanying schedules have been carried out in accordance with BS 7671:2018 (IET Wiring Regulations) as amended to 2018. It should be noted that cables concealed within trunking and conduits, under floors, in roof spaces, and generally within the fabric of the building or underground, have not been inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment.
5 SUMMARY OF THE CONDITION OF THE INSTALLATION See page 3 for a summary of the general condition of the installation in terms of electrical safety.
Overall assessment of the installation in terms of it's suitability for UNSATISFACTORY continued use*: * An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2)
conditions have been identified.
Where the overall assessment of the suitability of the installation for continued use on page 1 is stated as 'UNSATISFACTORY', I/We recommend that any observations classified as 'Code 1 - Danger Present' or 'Code 2 - Potentially dangerous' are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as 'FI - Further Investigation Required'. Observations classified as 'Code 3 - Improvement recommended' should be given due consideration. Subject to the necessary remedial action being taken, I/we recommend that
the installation is further inspected and tested by: Note: The proposed date for the next inspection should take into consideration the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended life. The period should be agreed between relevant parties.

Referr of this re N/A TI	SERVATIONS AND RECOMMENDAT ing to the attached schedules of inspection eport under 'Extent of the Installation and here are no items adversely affecting electrical	TIONS FOR ACTIONS TO BE TAKEN and test results, and subject to the limitations specif Limitations of Inspection and Testing': safety or	ied on page 1									
✓ TI	he following observations and recommendations	s are made										
Item No		Observations	Classification Code									
1	Inspection Schedule Item 1.4: Meter tails i remedial action is required.	is in a potentially dangerous condition. Urgent	C2									
2	Inspection Schedule Item 1.6: Isolator (wh Urgent remedial action is required.	nere present) is in a potentially dangerous condition.	C2									
3	Inspection Schedule Item 5.6: Condition o 421.1.201; 526.5) is recommended for imp	f enclosure(s) in terms of fire rating etc (421.1.6; provement.	C3									
4	Inspection Schedule Item 5.2: Security of	fixing (134.1.1) is recommended for improvement.	C3									
5	Inspection Schedule Item 5.5: Condition o potentially dangerous condition. Urgent re	f enclosure(s) in terms of IP rating etc (416.2) is in a medial action is required.	C2									
6	Inspection Schedule Item 5.14: RCD(s) pro required includes RCBOs (411.3.3; 415.1 remedial action is required.	ovided for additional protection/requirements, where ) is in a potentially dangerous condition. Urgent	C2									
7	Inspection Schedule Item 5.15: Presence of where required (514.12.2) is recommended	of RCD six-monthly test notice at or near equipment, ed for improvement.	C3									
8	Inspection Schedule Item 5.16: Presence of equipment, where required (514.9.1) is re-	of diagrams, charts or schedules at or near commended for improvement.	C3									
9	Inspection Schedule Item 5.17: Presence of at or near equipment, where required (514)	of non-standard (mixed) cable colour warning notice 4.14) is recommended for improvement.	C3									
10	Inspection Schedule Item 5.19: Presence of recommended for improvement.	of next inspection recommendation label (514.12.1) is	C3									
11	Inspection Schedule Item 5.20: Presence of 514) is recommended for improvement.	of other required labelling (please specify) (Section	C3									
12	Inspection Schedule Item 5.23: Protection equipment (522.8.1; 522.8.5; 522.8.11) is action is required.	against mechanical damage where cables enter in a potentially dangerous condition. Urgent remedial	C2									
One of th responsib C1 Dan Risk reme	e following codes, as appropriate, has been allo ble for the installation the degree of urgency for ger Present of injury. Immediate edial action required	ocated to each of the observations made above to indicate to remedial action. ngerous C3 Improvement FI Further inv I action recommended required w	o the person(s) vestigation ithout delay									
Immedia	ate remedial action required for items:	N/A										
Urgent r	emedial action required for items:	1, 2, 5, 6, 12										
Improve	ement recommended for items:	3, 4, 7, 8, 9, 10, 11										
Further	investigation required for items:	N/A										

This form is based on the model shown in Appendix 6 of BS 7671:2018.

7 <u>0</u> 8	SERVATIONS AND RECOMMENDAT	IONS FOR ACTIONS TO BE TAKEN (CONTIN	IUED)
Item No		Observations	Classification Code
13	Inspection Schedule Item 6.9: Adequacy o the type and nature of installation (Section remedial action is required.	f cables for current-carrying capacity with regard for 523) is in a potentially dangerous condition. Urgent	C2
15	Inspection Schedule Item 7.7: Adequacy o protection (411.3) is in a potentially dange	f protective devices: type and rated current for fault erous condition. Urgent remedial action is required.	C2
15	Inspection Schedule Item 7.9: Co-ordination devices (433.1; 533.2.1) is in a potentially required.	on between conductors and overload protective dangerous condition. Urgent remedial action is	C2
17	Inspection Schedule Item 7.12.1: For all so (411.3.3) * is in a potentially dangerous co	ocket-outlets of rating 32A or less unless exempt ondition. Urgent remedial action is required.	C2
18	Inspection Schedule Item 7.12.3: For cable (522.6.202, 522.6.203) * is in a potentially required.	es concealed in walls at a depth of less than 50mm angerous condition. Urgent remedial action is	C2
18	Inspection Schedule Item 7.16.1: Connect investigation without delay.	ions under no undue strain (526.6) requires further	FI
19	Inspection Schedule Item 7.17: Condition joint boxes (651.2) is in a potentially dang	of accessories including socket-outlets, switches and erous condition. Urgent remedial action is required.	C2
20	Inspection Schedule Item 8.2.5: Clearly ide (537.3.2.4) is recommended for improvem	entified by position and/or durable marking ent.	C3
21	Inspection Schedule Item 9.5: Security of condition. Urgent remedial action is require	fixing (134.1.1) is in a potentially dangerous ed.	C2
22	Inspection Schedule Item 8.3.4: Clearly ide (537.3.3.6) is recommended for improvem	entified by position and/or durable marking ent.	C3
One of th responsit C1 Dan Risk	e following codes, as appropriate, has been allo ble for the installation the degree of urgency for ger Present of injury. Immediate	ncated to each of the observations made above to indicate to remedial action: ngerous C3 I mprovement FI Further inv I action recommended required w	o the person(s) vestigation vithout delay
rem	edial action required required	N/A	
Immedia	ate remedial action required for items:	N/A	
Urgent r	emedial action required for items:	13, 15, 15, 17, 18, 19, 21	
Improve	ement recommended for items:	20, 22	
Further	investigation required for items:	18	

This form is based on the model shown in Appendix 6 of BS 7671:2018.

GENERAL General condition	L CONDI	TION OF TH stallation (in ter	E INST	ALLATIC	<b>DN</b> y):					
9 DECLARA	ATION									
I/We, being the signatures below)	e person(s) ), particular	responsible for rs of which are c	the inspec <sup>.</sup> lescribed a	tion and te: bove, havi	sting of the elec ng exercised re	ctrical installa asonable skil	ation (as i Land care	indicated by e when carry	my/our ing out t	the
inspection and te provides an accur	esting, hereb rate assessr	by declare that t ment of the con	he information of th	ation in this ne electrical	s report, includi I installation tak	ing the observice of th	vations ai ount the s	nd the attach	ed sche and limi	dules, itations
in section 4 of thi	is report.									
Trading Title:	HERITAGE	E ELECTRICAL			D	ogistration Nu	Imbor	_		
Add 033.					(it	f applicable):	unnei			
					Te	elephone Nun	nber:	0793137	7301	
			Postco	ode:						
For the INSPEC	TION TES	TING AND ASS	SESSMENT	of the re	port:					
Name: PA	UL WATSC	DN Positi	on:	Electricia	וספות Signat	ture:	$\mathcal{P}_{\mathcal{P}}$	Dat	e: 08/0	04/2020
10 SUPPLY	CHARAC	TERISTICS	AND EA	RTHING	ARRANGE	MENTS	1 00			
Earthing Arrangements	Numbe	er and Type of Li	ve Conduct	ors	Nature of S	Supply Param	neters	Supply Pr	otective	Device
TN-S 🖌	1-phase	ac: V 1-phase	dc:	N/A	Nominal Voltage(s):	400 V Uo:	230 V	BS(EN): 8	8-2 Fus	e HRC
TN-C-S N/A	(2 wire): 2-phase	(3 wire):	3 pc	ole: N/A	Nominal fre	equency, f:	50 Hz	Туре:	gG	i
TNC N/A	3-phase (3 wire)	N/A <sup>3-phase</sup>	✔ Oth	er: N/A	Prospective current, lpf:	fault :	2.5 kA	Rated currer	nt: 8	80 А
TT N/A	Other:	(1 111 0))	N/A		External ea	rth fault ance. Ze:	0.58 Ω	Short-circuit capacity:	80	0 kA
IT N/A	Confirmatio	on of supply pola	rity:	✓	Number of :	supplies:	1	1 5		
11 PARTICU	JLARS OF	F I NSTALLA	TION R	EFERREI	Ο ΤΟ ΙΝ ΤΗ	E CERTIF	ICATE			
Means of Earthin Distributor's	ng	     _	Details	s of Installa	ition Earth Elect	trode (where	applicable	e)		
facility: Installation		Type:   Resistance		N/A	Location: Method of			N/A		
earth electrode:	N/A	to Earth:	N/A <u>(</u>	.2	measuremen	it:		N/A 		
Maximum Deman	nd (Load):	125 Amps	Protecti	ive measur	e(s) against ele	ectric shock:		AC 	)S	
Main Switch / Sw Type 6094	ritch-Fuse ∕ 7-3 Isolato	Circuit-Breaker	/ RCD	125 A	Supply	0	If RCD Rated r	main switch: residual		N/A mA
Number 3		Fuse/device	e rating	N/A A	material:	Copper	operati Rated t	ng current (I time delav:	Δn):	N/A ms
of poles:		or setting: Voltage rat	ina <sup>.</sup>	415 V	Supply conductors	25 mm <sup>2</sup>	Measur	red operating	1	N/A ms
Earthing and Prot	ective Bond	ling Conductors			csa: Bonding	of extraneous	time (a s-conduct	it l∆n): ive parts		
Earthing conducto	or		Connee	ction/	To water pipes:	installation	~	To gas ins pipes:	tallation	~
material:	Copper	csa: 16 mr	n <sup>∠</sup> verified	d:	To oil ins	stallation		To lightnin protection	g	
Man protective b	())))))))))))))))	11 17 17 17 18			DIDOC!			<b>T</b> 11		۱.
Conductor	Conner	csa 10 mr	Connee	uity	To struct	tural		To other s	ervice(s) N/A	

12/11	ISPECTION SCHEDULE	1	
Item	Description	Comment	Outcome
1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTI	ON ONLY)	
1.1	Service cable	N/A	~
1.2	Service head	N/A	~
1.3	Earthing arrangements	N/A	~
1.4	Meter tails	N/A	C2
1.5	Metering equipment	N/A	~
1.6	Isolator (where present)	N/A	C2
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWI	TCHED ALTERNATI VE SOURCES	
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	N/A	N/A
2.2	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A	N/A
3.0	AUTOMATIC DISCONNECTION OF SUPPLY		
3.1	Main earthing/bonding arrangements (411.3; Chap 54):	Γ	
3.1.1	Presence of distributor's earthing arrangement (542.1.2.1; 542.1.2.2), or presence of installation earth electrode arrangement (542.1.2.3)	N/A	~
3.1.2	Adequacy of earthing conductor size (542.3; 543.1.1)	N/A	<b>~</b>
3.1.3	Adequacy of earthing conductor connections (542.3.2)	N/A	~
3.1.4	Accessibility of earthing conductor connections (543.3.2)	N/A	~
3.1.5	Adequacy of main protective bonding conductor sizes (544.1)	N/A	~
3.1.6	Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2)	N/A	~
3.1.7	Accessibility of all protective bonding connections (543.3.2)	N/A	N/V
3.1.8	Provision of earthing/bonding labels at all appropriate locations (514.13)	N/A	~
3.2	FELV - requirements satisfied (411.7; 411.7.1)	N/A	N/A
4.0	OTHER METHODS OF PROTECTION (where any of the methods lister provided on separate sheets)	ed below are employed details sho	ould be
4.1	Non-conducting location (418.1)	N/A	N/A
4.2	Earth-free local equipotential bonding (418.2)	N/A	N/A
4.3	Electrical separation (Section 413; 418.3)	N/A	N/A
4.4	Double insulation (Section 412)	N/A	N/A
4.5	Reinforced insulation (Section 412)	N/A	N/A
5.0	DI STRI BUTI ON EQUI PMENT		
5.1	Adequacy of working space/accessibility to equipment (132.12; 513.1)	N/A	~
5.2	Security of fixing (134.1.1)	N/A	C3
5.3	Condition of insulation of live parts (416.1)	N/A	~
5.4	Adequacy/security of barriers (416.2)	N/A	~
5.5	Condition of enclosure(s) in terms of IP rating etc (416.2)	N/A	C2
5.6	Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)	N/A	~
5.7	Enclosure not damaged/deteriorated so as to impair safety (651.2)	N/A	<b>~</b>
5.8	Presence and effectiveness of obstacles (417.2)	N/A	N/A
5.9	Presence of main switch(es), linked where required (462.1; 462.1.201; 462.2)	N/A	~
OUTCON	IES		
Accepta conditio	DIE Unacceptable C1 or C2 Improvement C3 Further Investigation FI	Not Verified N/V Limitation LIM appl	lot icable
This forn	n is based on the model shown in Appendix 6 of BS 7671:2018.	Ref: P	age: 5 of 15

Item         Description         Commont         Outcome           5.10         Operation of main soutch(ns) (lucit clonar index) (64.3.10)         N/A         ✓           5.11         Morral operation of circul-breakers and RCDs to prove disconnection         N/A         ✓           5.12         Confirmation that integral test butthor/switch causes RCD(s) to trip when         N/A         ✓           5.13         RCD(s) provided for fault protection - includes RCBOs (411.4.204;         N/A         ✓           5.14         RCD(s) provided for fault protection/requirements, where nequered         N/A         C3           5.14         RCD(s) provided for fault protection/requirements, where nequered         N/A         C3           5.15         Prosence of RCD (411.3.2)         N/A         C3           5.16         Prosence of allegraphic disk and thirt on test at or near equipment, where required (514.10)         N/A         C3           5.16         Prosence of allegraphic disk and thirt on test and or near equipment.         N/A         C3           5.17         Prosence of allegraphic disk and thirt on test and or near equipment.         N/A         C3           5.18         Prosence of allegraphic disk and ther components correct N/A         N/A         C3           5.18         Prosence of allegraphic disks and ther componentest correct and the con squi	13/11	SPECTION SCHEDULE (CONTINUED)	1	
S.10       Operation of main switch(ss) (unctional check) (643.10)       N/A       Image: Confirmation that integral to button/switch causos RCD(s) to trip when in the integral to button/switch causos RCD(s) to trip when in the integral to button/switch causos RCD(s) to trip when in the integral to button/switch causos RCD(s) to trip when in the integral to button/switch causos RCD(s) to trip when in the integral to button/switch causos RCD(s) to trip when in the integral to button/switch causos RCD(s) to trip when in the integral to button/switch causos RCD(s) to trip when in the integral to button/switch causos RCD(s) to trip when in the integral to button/switch causos RCD(s) to trip when in the integral to button/switch causos RCD(s) to trip when in the integral to button/switch causos RCD(s) to trip when in the integral to button/switch causos RCD(s) to trip when in the integral to button/switch causos RCD(s) to trip when integrated to integrat to button/switch causos RCD(s) to trip when integrated to integrate and integrate and integrates and integrates and response required (514.12)       N/A       C2         5.10       Presence of duagrams, charts or schedules at or near equipment, where required (514.12)       N/A       C3       C3         5.11       Presence of next inspection recommendation table (514.12)       N/A       C3       C3         5.22       Presence of next inspection recommendation table (514.12)       N/A       C4       C4         5.23       Presence of next inspection recommendation table (514.12)       N/A       C4       C4         5.24       Presence of next inspection recommendation table (514.12)       N/A	Item	Description	Comment	Outcome
5.11       Manual operation of circuit-breakers and RCDs to prove disconnection       N/A       Image: Confirmation that integra test button/switch causes RCD(s) to trip when any any any any any any any any any an	5.10	Operation of main switch(es) (functional check) (643.10)	N/A	~
5.12       Confirmation that integral test buttom/witch causes RCD(s) to trip when       N/A       N/A         5.13       RCD(s) provided for additional protection - includes RCBOs (411.4.201:       N/A       C2         5.14       RCD(s) provided for additional protection - includes RCBOs (411.4.201:       N/A       C2         5.14       RCD(s) provided for additional protection / required (514.1.3.3.415.1)       C3       C3         5.16       Presence of IRCD Sk-monthly test notice at or near equipment, where required (514.72.2)       N/A       C3         5.17       Presence of adjatrams; charts or schedules at or near equipment, where required (514.74.4)       C3         5.18       Presence of adjatrams; charts or schedules at or near equipment, where required (514.74.4)       C3         5.18       Presence of adjatrams; charts or schedules at or near equipment, where required (514.74.4)       C3         5.19       Presence of adjatrams; charts or schedules at or near equipment, N/A       C3         5.20       Presence of other required (514.74.4)       V/A       C3         5.21       Compatibility of protective devices, bases and other components; correct N/A       V/A       C4         5.22       Single-pole switching or protective devices in line conductors only       N/A       V/A       V         5.23       Single-pole switching or protective devices in line conductors	5.11	Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)	N/A	~
5.13       RCD(5) provided for fault protection/requirements, where required includes RCBOs (411.4.204;       N/A       C2         5.14       RCD(5) provided for additional protection/requirements, where required includes RCBOs (411.3.3; 415.1)       N/A       C3         5.15       Presence of RCD six-menthy test notice at or near equipment, where required (514.12.2)       N/A       C3         5.16       Presence of adaptams, charts or schedules at or near equipment, where required (514.13)       N/A       C3         5.17       Presence of anext supply varing notice at or near equipment, where required (514.13)       N/A       C3         5.18       Presence of anext supply varing notice at or near equipment, where required (514.13)       N/A       C3         5.19       Presence of next inspection recommendation label (514.12.1)       N/A       C3         5.20       Presence of next inspection recommendation label (514.12.1)       N/A       C3         5.21       Compatibility of protective devices, bases and other components: correct (512.11.530.3.3)       N/A       C4         5.23       Single-pla suitching or protective devices in line conductors only (132.14.13.15.11.14.15.15.14.14.15.14.14.15.14.15.14.11.14.15.14.11.14.15.14.11.14.15.14	5.12	Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (643.10)	N/A	~
5.14       RCD(5) provided for additional protection/requirements, where required - N/A       C2         5.15       Presence of RCD six-monthly test notice at or near equipment, where required (514.12.2)       N/A       C3         5.16       Presence of diagrams, charts or schedules at or near equipment, where required (514.12.2)       N/A       C3         5.17       Presence of adart (mixed) cable colour warning notice at or near equipment, where required (514.13.4)       N/A       C3         5.18       Presence of not-finded's (mixed) cable colour warning notice at or near equipment, where required (514.13.4)       N/A       C3         5.10       Presence of not-finded's (mixed) cable colour warning notice at or near equipment, where required (514.13.4)       N/A       C3         5.20       Presence of not-finded's (mixed) cable sepacify (Section 514)       N/A       C3         5.21       Compatbility of protective devices, bases and other components: company or near equipment, where required (514.13.2)       N/A       C3         5.22       Single-pole switching or protective devices in line conductors only (132.14.1.53.03.3)       N/A       C4         5.23       Single-pole switching or protective devices in line conductors only (132.14.1.53.03.3)       N/A       C4         6.2       State field fie	5.13	RCD(s) provided for fault protection – includes RCBOs (411.4.204; 411.5.2; 531.2)	N/A	N/A
5.15       Presence of RCD six-monthly test notice at or near equipment, where nequired (514.12, 1)       N/A       C3         5.16       Presence of diagrams, charts or schedules at or near equipment, where equired (514.14, 1)       N/A       C3         5.17       Presence of near-standard (mixed) cable colour warning notice at or near equipment, where equired (514.14, 15)       N/A       C3         5.18       Presence of near-standard (mixed) cable colour warning notice at or near equipment, where required (514.15)       N/A       C3         5.19       Presence of alternative supply warning notice at or near equipment, where many supply standard (514.12, 1)       N/A       C3         5.19       Presence of alternative supply warning notice at or near equipment, where many supply standard (514.12, 1)       N/A       C3         5.20       Presence of next inspection recommendation label (514.12, 1)       N/A       C3         5.21       Compatibility of protective devices, bases and other components, correct       N/A       C3         5.22       Single-pole switching or protective devices in line conductors only (132.14, 1: 430.33)       N/A       C4         5.23       Protection against mechanical damage where cables enter equipment (132.14, 1: 430.32, 522.8, 1)       V/A       C4         6.2       Dist RIB UTION CI RCU ITS       V/A       V/A       V/A         6.3       Suitability of conta	5.14	RCD(s) provided for additional protection/requirements, where required – includes RCBOs (411.3.3; 415.1)	N/A	C2
5.16       Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1)       C3         5.17       Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)       C3         5.18       Presence of atternative supply warning notice at or near equipment, where required (514.15)       N/A       C3         5.19       Presence of atternative supply warning notice at or near equipment, where required (514.15)       N/A       C3         5.20       Presence of other standard (mixed) cable (514.12.1)       N/A       C3         5.21       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)       N/A       ✓         5.22       Single-pole switching or protective devices in line conductors only (132.14.1; 503.3)       N/A       ✓         5.23       Protection against electromagnetic effects where cables enter repromagnetic enclosures (521.5.1)       N/A       ✓         6.0       DISTRIBUTION CIRCUITS       V/A       ✓       ✓         6.1       Identification of conductors (514.3.1)       N/A       ✓         6.2       Codibies correctly supported throughout their run (521.10.202; 522.8.5)       N/A       N/A         6.4       Non-sheathed cables protected by enclosure in conduit, ducting or buick	5.15	Presence of RCD six-monthly test notice at or near equipment, where required (514.12.2)	N/A	C3
5.17       Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)       N/A       N/A         5.18       Presence of alternative supply warning notice at or near equipment, where required (514.15)       N/A       C3         5.17       Presence of next inspection recommendation label (514.12.1)       N/A       C3         5.20       Presence of other required labeling (please specify) (Section 514)       N/A       C3         5.21       Compatibility of protective devices, bases and other components: correct type and rating (no signs of unacceptable thermai damage, arcing or overheading) (411.32, 411.4 : 411.5 30.43)       V/A          5.22       Single-pole switching or protective devices in line conductors only (132.14.1; 530.43)       N/A           5.21       Totection against mechanical damage where cables enter equipment my/A       V/A           5.23       Presence of class correctly supported throughout their run (521.10.202: 522.8.5)       N/A       N/V          6.1       Identification of invegats (16.4.1)       N/A            6.3       Condition of invegats (16.4.1)       N/A            6.4       Identification of invegats (16.1)       N/A             6.4 <td< td=""><td>5.16</td><td>Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1)</td><td>N/A</td><td>C3</td></td<>	5.16	Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1)	N/A	C3
5.18       Presence of atternative supply warning notice at or near equipment, where required (514.15)       N/A       N/A         5.19       Presence of next inspection recommendation label (514.12.1)       N/A       C3         5.20       Presence of other required labelling (please specify) (Section 514)       N/A       C3         5.21       Compatibility of protective devices, bases and other components: correct vertheating) (411.3.2: 411.4: 411.5: 411.6: Sections 432, 433)       N/A       ✓         5.22       Single-pole switching or protective devices in line conductors only (132.14.1: 530.3.3)       N/A       ✓         5.23       Protection against mechanical damage where cables enter equipment (522.8.1: 522.8.5: 522.8.1)       N/A       ✓         6.0       DISTRIBUTION CIRCUITS       N/A       ✓         6.1       Identification of conductors (511.3.1)       N/A       ✓         6.2       Cables correctly supported throughout their run (521.10.202; 522.8.5)       N/A       ✓         6.4       Non-sheathed cables protected by enclosure in conduit, ducting or N/A       N/A       ✓         6.4       Non-sheathed cables protected by enclosure in conduit, ducting or N/A       N/A       ✓         6.5       Guidation of live parts (416.1)       N/A       ✓       ✓         6.4       Non-sheathed cables protected by enclosure in conduit, ducti	5.17	Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)	N/A	C3
5.19       Presence of next inspection recommendation label (514.12.1)       N/A       C3         5.20       Presence of other required labelling (please specify) (Section 514)       N/A       C3         5.21       Compatibility of protective devices, bases and other components: correct voerheating) (411.3.2: 411.4: 411.5: 411.6: Sections 432, 433)       N/A       ✓         5.22       Single-pole switching or protective devices in line conductors only (132.14.1: 530.3.3)       N/A       ✓         5.23       Protection against mechanical damage where cables enter equipment (522.8.1: 522.8.5: 522.8.11)       N/A       ✓         5.24       Protection against dectromagnetic effects where cables enter entromagnetic enclosures (521.5.1)       N/A       ✓         6.0       DISTRIBUTION CLRCUITS       N/A       ✓         6.1       Identification of conductors (514.3.1)       N/A       ✓         6.2       Cables correctly supported throughout their run (521.10.202: 522.8.5)       N/A       N/V         6.3       Condition of insulation of live parts (416.1)       N/A       ✓         6.4       No-sheathed cables protected by enclosure in conduit, ducting or runking (521.10.1)       N/A       ✓         6.5       Sultability of containment systems for continued use (including flexible continue) (Section 52)       N/A       ✓         6.6       Cables correctly t	5.18	Presence of alternative supply warning notice at or near equipment, where required (514.15)	N/A	N/A
5.20       Presence of other required labelling (please specify) (Section 514)       N/A       C3         5.21       Compatibility of protective devices, bases and other components; correct overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432, 433)       N/A       Image: compatibility of protective devices in line conductors only (132.14.1; 530.3.3)       N/A       Image: compatibility of protective devices in line conductors only (132.14.1; 530.3.3)       N/A       Image: compatibility of protective devices in line conductors only (132.14.1; 530.3.3)       N/A       Image: compatibility of protective devices in line conductors only (132.14.1; 530.3.3)       N/A       Image: compatibility of protective devices in line conductors only (132.14.1; 530.3.3)       N/A       Image: compatibility of protective devices in line conductors only (132.14.1; 530.3.3)       N/A       Image: compatibility of protective devices in line conductors only (132.14.1; 530.3.3)       N/A       Image: compatibility of protective devices in line conductors only (132.14.1; 530.3.3)       N/A       Image: compatibility of protective devices in line conductors only (132.14.1; 530.3.3)       N/A       Image: compatibility of protective devices in line conductors only (132.14.1; 530.3.3)       Image: compatibility of protective devices in line conductors (131.1)       N/A       Image: compatibility of protective devices in line conductor gene in conduit, ducting or trunking (521.10.1)       Image: compatibility of protective devices in line conducting devices on trunking (521.10.1)       Image: compatibility of containment systems for continued use (including flexible inducting (521.10.1)       Image: compatibility	5.19	Presence of next inspection recommendation label (514.12.1)	N/A	C3
5.21       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)       N/A       ✓         5.22       Single-pole switching or protective devices in line conductors only (132.14.1: 530.3.3)       N/A       ✓         5.23       Protection against mechanical damage where cables enter equipment (science) against mechanical damage where cables enter equipment (science) against electromagnetic effects where cables enter equipment (science) against electromagnetic enclosures (science) N/A       V/A       ✓         6.4       Non-sheathed cables protected by enclosure in conduit, ducting or N/A       N/A       ✓         6.5       Sutability of containment systems for continued use (including flexible) N/A <td< td=""><td>5.20</td><td>Presence of other required labelling (please specify) (Section 514)</td><td>N/A</td><td>C3</td></td<>	5.20	Presence of other required labelling (please specify) (Section 514)	N/A	C3
5.22       Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)       N/A       C2         5.23       Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)       N/A       C2         5.24       Protection against electromagnetic effects where cables enter error against electromagnetic enclosures (521.5.1)       N/A       ✓         6.0       DISTRIBUTION CIRCUITS       V/A       ✓         6.1       Identification of conductors (514.3.1)       N/A       ✓         6.2       Cables correctly supported throughout their run (521.10.202; 522.8.5)       N/A       N/V         6.3       Condition of insulation of live parts (416.1)       N/A       ✓         6.4       Non-sheathed cables protected by enclosure in conduit, ducting or running (521.10.1)       N/A       ✓         6.4       Suitability of containment systems for continued use (including flexible or conduit) (Section 522)       N/A       N/V         6.6       Cables correctly terminated in enclosures (Section 526)       N/A       N/V         6.7       Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure       N/A       V/V         6.8       Examination of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)       N/A	5.21	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)	N/A	~
5.23       Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)       N/A       C2         5.24       Protection against electromagnetic effects where cables enter erromagnetic enclosures (521.5.1)       N/A       Image: Comparison of Compar	5.22	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	N/A	~
5.24       Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)       N/A         6.0       DISTRIBUTION CIRCUITS       N/A       ✓         6.1       Identification of conductors (514.3.1)       N/A       ✓         6.2       Cables correctly supported throughout their run (521.10.202; 522.8.5)       N/A       N/V         6.3       Condition of insulation of live parts (416.1)       N/A       ✓         6.4       Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)       N/A       N/A         6.5       Suitability of containment systems for continued use (including flexible conduit) (Section 522)       N/A       ✓         6.6       Cables correctly terminated in enclosures (Section 526)       N/A       ✓         6.7       Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure and adequacy of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)       N/A       N/V         6.8       Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (411.3)       N/A       ✓         6.10       Adequacy of protective devices: type and rated current for fault protection (411.3)       N/A       ✓         6.11       Presence and adequacy of circuit protective conductors (411.3.1.1; S43.1)	5.23	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)	N/A	C2
6.0       DISTRIBUTION CIRCUITS         6.1       Identification of conductors (514.3.1)       N/A       ✓         6.2       Cables correctly supported throughout their run (521.10.202; 522.8.5)       N/A       N/V         6.3       Condition of insulation of live parts (416.1)       N/A       ✓         6.4       Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)       N/A       ✓         6.5       Suitability of containment systems for continued use (including flexible N/A       N/A       ✓         6.6       Cables correctly terminated in enclosures (Section 526)       N/A       ✓         6.6       Cables correctly terminated in enclosures (Section 526)       N/A       ✓         6.7       Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure       N/A       ✓         6.8       Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)       N/A       ✓         6.10       Adequacy of protective devices: type and rated current for fault protection (411.3)       N/A       ✓         6.11       Presence and adequacy of circuit protective conductors (411.3.1.1; N/A       ✓       ✓         6.11       Presence and adequacy of circuit protective devices (433.1; N/A       ✓	5.24	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)	N/A	~
6.1       Identification of conductors (514.3.1)       N/A       V/A         6.2       Cables correctly supported throughout their run (521.10.202; 522.8.5)       N/A       N/V         6.3       Condition of insulation of live parts (416.1)       N/A       V         6.4       Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)       N/A       N/A         6.5       Suitability of containment systems for continued use (including flexible conduit) (Section 522)       N/A       V         6.6       Cables correctly terminated in enclosures (Section 526)       N/A       V         6.7       Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure busbars, are correctly located in terminals and are tight and secure and nature of installation (Section 523)       N/A       N/V         6.8       Examination of cables for signs of unacceptable thermal or mechanical and nature of installation (Section 523)       N/A       V         6.9       Adequacy of protective devices: type and rated current for fault protection (411.3).1.1; 52.6.)       N/A       V         6.10       Adequacy of circuit protective conductors (411.3.1.1; 53.2.1)       N/A       V         6.11       Presence and adequacy of circuit protective conductors (411.3.1.1; 54.3.1)       N/A       V         6.12       Coordination between	6.0	DISTRIBUTION CIRCUITS		
6.2       Cables correctly supported throughout their run (521.10.202; 522.8.5)       N/A       N/V         6.3       Condition of insulation of live parts (416.1)       N/A       ✓         6.4       Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)       N/A       N/A         6.5       Suitability of containment systems for continued use (including flexible conduit) (Section 522)       N/A       N/A         6.6       Cables correctly terminated in enclosures (Section 526)       N/A       ✓         6.7       Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure       N/A       N/V         6.8       Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)       N/A       C2         6.9       Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)       N/A       ✓         6.10       Adequacy of protective devices: type and rated current for fault protection (411.3)       N/A       ✓         6.11       Presence and adequacy of circuit protective conductors (411.3.1.1; S43.1)       N/A       ✓         6.12       Coordination between conductors and overload protective devices (433.1; N/A       ✓       ✓         6.12       Coordination between conductors and overload protective de	6.1	Identification of conductors (514.3.1)	N/A	~
6.3       Condition of insulation of live parts (416.1)       N/A       ✓         6.4       Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)       N/A       N/A         6.5       Suitability of containment systems for continued use (including flexible conduit) (Section 522)       N/A       N/A         6.6       Cables correctly terminated in enclosures (Section 526)       N/A       ✓       ✓         6.6       Cables correctly terminated in terminals and are tight and secure       N/A       ✓       ✓         6.8       Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)       N/A       ✓       N/A       V/V         6.9       Adequacy of protective devices: type and rated current for fault protection (411.3)       N/A       ✓       ✓         6.11       Presence and adequacy of circuit protective conductors (411.3.1.1; S33.2.1)       N/A       ✓       ✓         6.12       Coordination between conductors and overload protective devices (433.1: N/A       ✓       ✓       ✓         0.11       Presence and adequacy of circuit protective devices (433.1: N/A       ✓       ✓       ✓         6.12       Coordination between conductors and overload protective devices (433.1: N/A       ✓       ✓       ✓         0.112       Coordination between co	6.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	N/A	N/V
6.4       Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)       N/A       N/A         6.5       Suitability of containment systems for continued use (including flexible conduit) (Section 522)       N/A       N/A         6.6       Cables correctly terminated in enclosures (Section 526)       N/A       ✓         6.7       Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure       N/A       N/V         6.8       Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)       N/A       C2         6.9       Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)       N/A       ✓         6.10       Adequacy of protective devices: type and rated current for fault protection (411.3)       N/A       ✓         6.11       Presence and adequacy of circuit protective conductors (411.3.1.1; S33.2.1)       N/A       ✓         6.12       Coordination between conductors and overload protective devices (433.1; N/A       ✓       ✓         0 conductor       Interstingtion [C1 or C2]       Improvement [C6 BP 3/27.2010       Further infection [F1]       N/A       N/A	6.3	Condition of insulation of live parts (416.1)	N/A	~
6.5       Suitability of containment systems for continued use (including flexible conduit) (Section 522)       N/A       N/V         6.6       Cables correctly terminated in enclosures (Section 526)       N/A       ✓         6.7       Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure       N/A       N/V         6.8       Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)       N/A       N/V         6.9       Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)       N/A       C2         6.10       Adequacy of protective devices: type and rated current for fault protection (411.3)       N/A       ✓         6.11       Presence and adequacy of circuit protective conductors (411.3.1.1; S43.1)       N/A       ✓         6.12       Coordination between conductors and overload protective devices (433.1; N/A       ✓       ✓         Acceptable       T1 CK       Unacceptable       C1 or C2       Improvement       Root protective       N/A       Apole apole protection         Acceptable       T1 CK       Unacceptable       C1 or C2       Improvement       C3       Investigation       F1       Not verified       N/A       Apole apole       N/A       Apole apole apole apole apole a	6.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A	N/A
6.6       Cables correctly terminated in enclosures (Section 526)       N/A       ✓         6.7       Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure       N/A       N/V         6.8       Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)       N/A       N/V         6.9       Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)       N/A       C2         6.10       Adequacy of protective devices: type and rated current for fault protection (411.3)       N/A       ✓         6.11       Presence and adequacy of circuit protective conductors (411.3.1.1); 543.1)       N/A       ✓         6.12       Coordination between conductors and overload protective devices (433.1); N/A       V/A       ✓         OUTCOMES       Acceptable       C1 or C2       Improvement       C3       Further investigation       FI       N/V       Limitation       ILIM       Applicable       N/A	6.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	N/A	N/V
6.7       Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure       N/A       N/V         6.8       Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)       N/A       N/V         6.9       Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)       N/A       C2         6.10       Adequacy of protective devices: type and rated current for fault protection (411.3)       N/A       ✓         6.11       Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)       N/A       ✓         6.12       Coordination between conductors and overload protective devices (433.1; N/A       N/A       ✓         OUTCOMES       Acceptable condition       C1 or C2       Improvement recommended       C3       Further investigation       FI       N/V       Limitation       ILIM       applicable       N/A	6.6	Cables correctly terminated in enclosures (Section 526)	N/A	~
6.8       Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)       N/A       N/V         6.9       Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)       N/A       C2         6.10       Adequacy of protective devices: type and rated current for fault protection (411.3)       N/A       ✓         6.11       Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)       N/A       ✓         6.12       Coordination between conductors and overload protective devices (433.1); 533.2.1)       N/A       ✓         OUTCOMES         Acceptable condition       C1 or C2       Improvement recommended C3       Further investigation       FI       N/V       Limitation       LIM       N/A	6.7	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure	N/A	N/V
6.9       Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)       N/A       C2         6.10       Adequacy of protective devices: type and rated current for fault protection (411.3)       N/A       Image: Constraint of the type of type of the type of type of type of the typ	6.8	Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)	N/A	N/V
6.10       Adequacy of protective devices: type and rated current for fault protection (411.3)       N/A       Image: Constraint of the second constraint of the se	6.9	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A	C2
6.11       Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)       N/A       Image: State of the state of	6.10	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A	~
6.12       Coordination between conductors and overload protective devices (433.1; 533.2.1)       N/A         OUTCOMES       Acceptable condition       T1CK       Unacceptable condition       C1 or C2       Improvement recommended       C3       Further investigation       FI       N/V       Limitation       LIM       Not applicable       N/A	6.11	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	N/A	~
OUTCOMES         Acceptable condition       TICK       Unacceptable condition       C1 or C2       Improvement recommended       C3       Further investigation       FI       Not verified       N/V       Limitation       LIM       Not applicable       N/A	6.12	Coordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	~
Acceptable condition TICK Unacceptable condition C1 or C2 Improvement recommended C3 Further investigation FI Not verified N/V Limitation LIM Applicable N/A		AES		
condition condit	Accepta	ble TLCK Unacceptable C1 or C2 Improvement C2 Further	Not N/V Limitation LLM	lot
		n is based on the model shown in Appendix 6 of RS 7671-2018	Ref. D	

14/11	ISPECTION SCHEDULE (CONTINUED)	1	
Item	Description	Comment	Outcome
6.13	Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522)	N/A	•
6.14	Where exposed to direct sunlight, cable of a suitable type (522.11.1)	N/A	N/A
6.15	Cables concealed under floors, above ceilings, in walls/partitions l partitions containing metal parts:	less than 50mm from a surface, ar	id in
6.15.1	Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202) or	N/A	N/V
6.15.2	Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section 4. Extent and limitations) (522.6.204)	N/A	~
6.16	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	N/V
6.17	Band II cables segregated/separated from Band I cables (528.1)	N/A	N/A
6.18	Cables segregated/separated from non-electrical services (528.3)	N/A	~
6.19	Condition of circuit accessories (651.2)	N/A	~
6.20	Suitability of circuit accessories for external influences (512.2)	N/A	~
6.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	N/A	N/A
6.22	Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526)	N/A	•
6.23	Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537)	N/A	~
6.24	General condition of wiring systems (651.2)	N/A	~
6.25	Temperature rating of cable insulation (522.1.1; Table 52.1)	N/A	~
7.0	FINAL CIRCUITS	·	
7.1	Identification of conductors (514.3.1)	N/A	~
7.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	N/A	N/V
7.3	Condition of insulation of live parts (416.1)	N/A	~
7.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A	N/A
7.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	N/A	N/V
7.6	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A	~
7.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A	C2
7.8	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	N/A	~
7.9	Co-ordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	C2
7.10	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	N/A	~
7.11	Cables concealed under floors, above ceilings, in walls/partitions, (522.6.201; 522.6.202; 522.6.203; 522.6.204):	adequately protected against dam	lage
7.11.1	Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202)	N/A	N/V
7.11.2 OUTCOM	Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section 4. Extent and limitations) (522.6.201; 522.6.204) IES	N/A	~
Accepta conditio	ble TICK Unacceptable C1 or C2 Improvement C3 Further FI	Not verified N/V Limitation LIM appl	ot cable N/A
This forn	n is based on the model shown in Appendix 6 of BS 7671:2018.	Ref: P	age: 7 of 15

15/11	ISPECTION SCHEDULE (CONTINUED)	1	
Item	Description	Comment	Outcome
7.12	Provision of additional protection by 30mA RCD:	I	
7.12.1	For all socket-outlets of rating 32A or less unless exempt (411.3.3) *	N/A	C2
7.12.2	For the supply of mobile equipment not exceeding 32A rating for use outdoors (411.3.3) *	N/A	N/A
7.12.3	For cables concealed in walls at a depth of less than 50mm (522.6.202, 522.6.203) *	N/A	C2
7.12.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) $^{\star}$	N/A	N/V
7.12.5	For final circuits supplying luminaires within domestic (household) premises (411.3.4) *	N/A	N/A
	$^{\ast}$ Note: Older installations designed prior to BS 7671:2018 may not have protection.	been provided with RCDs for additiona	al
7.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	N/V
7.14	Band II cables segregated/separated from Band I cables (528.1)	N/A	N/A
7.15	Cables segregated/separated from non-electrical services (528.3)	N/A	~
7.16	Termination of cables at enclosures – identify/record numbers and 526):	d locations of items inspected (Sec	ction
7.16.1	Connections under no undue strain (526.6)	N/A	FI
7.16.2	No basic insulation of a conductor visible outside enclosure (526.8)	N/A	~
7.16.3	Connections of live conductors adequately enclosed (526.5)	N/A	~
7.16.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	N/A	~
7.17	Condition of accessories including socket-outlets, switches and joint boxes (651.2)	N/A	C2
7.18	Suitability of accessories for external influences (512.2)	N/A	~
7.19	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)	N/A	~
8.0	I SOLATION AND SWITCHING		
8.1	Isolators (Sections 460; 537):		
8.1.1	Presence and condition of appropriate devices (Section 462; 537.2.7)	N/A	~
8.1.2	Acceptable location – state if local or remote from equipment in question (Section 462; 537.2.7)	N/A	~
8.1.3	Capable of being secured in the OFF position (462.3)	N/A	~
8.1.4	Correct operation verified (643.10)	N/A	~
8.1.5	Clearly identified by position and/or durable marking (537.2.6)	N/A	~
8.1.6	Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2)	N/A	N/A
8.2	Switching off for mechanical maintenance (Section 464; 537.3.2):		
8.2.1	Presence and condition of appropriate devices (464.1; 537.3.2)	N/A	~
8.2.2	Acceptable location – state if local or remote from equipment in question (537.3.2.4)	N/A	~
8.2.3	Capable of being secured in the OFF position (462.3)	N/A	~
8.2.4	Correct operation verified (643.10)	N/A	~
8.2.5	Clearly identified by position and/or durable marking (537.3.2.4)	N/A	C3
OUTCON Accepta conditio	Ites       Unacceptable condition       C1 or C2       Improvement recommended       C3       Further investigation       FI         n is based on the model shown in Appendix 6 of BS 7671:2018.	Not verified     N/V     Limitation     LI M     N appli       Ref:	ot cable N/A age: 8 of 15

16/11	ISPECTION SCHEDULE (CONTINUED)	1	
Item	Description	Comment	Outcome
8.3	Emergency switching/stopping (Section 465; 537.3.3):		
8.3.1	Presence and condition of appropriate devices (Section 465; 537.3.3; 537.4)	N/A	~
8.3.2	Readily accessible for operation where danger might occur (537.3.3.6)	N/A	~
8.3.3	Correct operation verified (643.10)	N/A	~
8.3.4	Clearly identified by position and/or durable marking (537.3.3.6)	N/A	C3
8.4	Functional switching (Section 463; 537.3.1):		
8.4.1	Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)	N/A	~
8.4.2	Correct operation verified (537.3.1.1; 537.3.1.2)	N/A	~
9.0	CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)		
9.1	Condition of equipment in terms of IP rating etc (416.2)	N/A	N/V
9.2	Equipment does not constitute a fire hazard (Section 421)	N/A	~
9.3	Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2)	N/A	~
9.4	Suitability for the environment and external influences (512.2)	N/A	~
9.5	Security of fixing (134.1.1)	N/A	C2
9.6	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire: List number and location of luminaires inspected (separate page) (527.2)	N/A	N/V
9.7	Recessed luminaires (downlighters):		
9.7.1	Correct type of lamps fitted (559.3.1)	N/A	N/A
9.7.2	Installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar (421.1.2)	N/A	N/A
9.7.3	No signs of overheating to surrounding building fabric (559.4.1)	N/A	N/A
9.7.4	No signs of overheating to conductors/terminations (526.1)	N/A	N/A
10.0	LOCATION(S) CONTAINING A BATH OR SHOWER		
10.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3)	N/A	N/A
10.2	Where used as a protective measure, requirements for SELV or PELV met $(701.414.4.5)$	N/A	N/A
10.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	N/A	N/A
10.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)	N/A	N/A
10.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from zone 1 (701.512.3)	N/A	N/A
10.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	N/A	N/A
10.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	N/A	N/A
10.8	Suitability of current-using equipment for particular position within the location (701.55)	N/A	N/A
11.0	OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS List all other special installation or locations present, if any. (Record separ	rately the results of particular inspection	ons)
11.1	N/A	N/A	N/A
11.2	N/A	N/A	N/A
11.3	N/A	N/A	N/A
OUTCON	/ES		
Accepta conditio	ble TICK Unacceptable C1 or C2 Improvement C3 Further investigation FI	Not verified N/V Limitation LIM appli	ot cable
This forn	n is based on the model shown in Appendix 6 of BS 7671:2018.	Ref: Pa	age: 9 of 15

17 <u></u> S	CHEDULE OF CIRCUIT DETA	LS .	ANE	) TE	ST F	RES	ULT	S																		
Distr	ibution board designation:			E	D.B.	1					Lo	catio	n:													
			7		Cir condu c	cuit ictors: sa	time S7671	Overcurr	rent p device	rotectiv s	ve	RCD	S7671		Circuit im	pedance	es (Ohms	5)	lı re	nsulation esistance			sured	RC	D	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live	cpc	Max disconnect permitted by B	BS(EN)	Type No	⊳ Rating	🛪 Capacity	B Operating Current, IAn	O Maximum Z <sub>S</sub> permitted by B	Ring f (meas r <sub>1</sub> (Line)	inal circui ured end <sup>r</sup> n (Neutral)	ts only to end) r <sub>2</sub>	All ci (one co be com R <sub>1</sub> +R <sub>2</sub>	rcuits Iumn to pleted) R <sub>2</sub>	OM Live - Live	⊠ Live - Earth	< Test voltage	<ul> <li>Polarity</li> </ul>	Maximum meas 0 earth fault loop impedance 7s	Disconnection time	<ul> <li>Test button</li> <li>operation</li> </ul>	<ul> <li>Test button</li> <li>operation</li> </ul>
	SUPPLY CABLE	F	С	2	25	76	5	88-2	gG	80	80	N/A	0.55		(	(				> 200	500	V		N/A	N/A	N/A
1R	SOCKETS BEHIND A/V DESK + 3xFAN BLOWERS	A	С	5	2.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	4.32K	N/A	>299	>299	500	~	LIM	N/A	N/A	N/A
1Y	SOCKET 1ST FLOOR NARTHEX	Α	С	1	2.5	1.5	0.4	60898	С	16	10	N/A	1.37	N/A	N/A	N/A	0.43	N/A	>299	>299	500	V	0.65	N/A	N/A	N/A
1B	HEATING CELLAR/ELEC HEATER/OUTSIDE LIGHTS	A	С	9	1.0	1.0	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	0.34	N/A	LIM	LIM	500	~	0.94	N/A	N/A	N/A
2R	BAPTIST POOL COMMANDO SOCKET	A	С	1	6	2.5	0.4	60898	С	32	10	N/A	0.68	N/A	N/A	N/A	0.16	N/A	>299	>299	500	~	0.40	N/A	N/A	N/A
2Y	DOWNSTAIRS WATER HEATER	Α	С	1	2.5	1.5	0.4	60898	С	16	10	N/A	1.37	N/A	N/A	N/A	0.30	N/A	LIM	>299	500	V	0.52	N/A	N/A	N/A
CODE TYP WIF	A B S FOR Thermoplastic Thermoplastic E OF insulated/sheathed cables in NG cables metallic condu	t	The	C ermopl cables etallic	astic in condui	t	The c meta	D rmoplastic ables in Ilic trunking		The c nonme	E rmop ables tallic	lastic in trunki	ng	F Thermo /SWA c	plastic cables	Ther /SW	G mosettin /A cables	g	H Minera insulated c	al cables			0 - C N	other /A		
18 E	OARD CHARACTERISTICS																									
	LIES WHEN THE BOARD IS NOT CON to this distribution board is from:	INEC	TED	то т	THE C N/A	)RI G	IN C	DF THE IN	NST/ No	ALLA Iq fo	NTI C nase	N s:	N/A					Con	firmatio	n of suc	a vla	olari	tv:		١	J/A
Overcu	BS(EN):				N/A				Ra	ting:			N/A	A ,	lominal	N/	Αv	Zs:		N/	AΩ	ql	f:		N	/Α κΑ
RCD	BS(EN):				N/A				No	of po	oles:		N/A	F	Rating:	N/A	MmA	Disc	onnectio	on N/	A ms	D	isconi	nectio	<sup>n</sup> N/	'A ms
19 Deta	ETAILS OF TEST INSTRUME		l/or a	sset	numł	pers):													<u>2 at iii.</u>				<u>ne u</u>	<u> </u>		
Multi-f	unctional: FLU	KE N	IFT			Ir	isula	tion resis	tanc	e:								Сс	ontinuity	y:						
Earth e	electrode resistance:					Ea	arth	fault loop	imp	edan	ce:							R	CD:							
20 1	ESTED BY																_									
Nam	e: PAUL WATSON	F	Positio	on:			E	Electricia	n				Signa	ture:			4	2			Da	te:	C	8/04/	202	0
This for	m is based on the model shown in Appe	endix	6 of	BS 76	571:2	2018.										Ref:								Page	e: 10	of 15

	SCHEDULE OF CIRCUIT DETAI	LS	ANE	) TE	ST	RES	UL	rs 🛛																		
Dist	ribution board designation:			[	D.B.	1					Lo	catio	n:													
			_		Cir condu	cuit uctors:	time S7671	Overcurr	ent pi levice	rotectiv s	ve	RCD	S7671		Circuit in	pedance	s (Ohm	s)	l r	nsulation esistance			sured	R	CD	AFDE
Circuit number and phase	Circuit designation	Type of wiring	Reference Methoo	Number of points served	Live	cpc	Max disconnect	BS(EN)	Type No	P Rating	S Capacity	⊖ Operating S current, I∆n	D Maximum Z <sub>S</sub> permitted by B	Ring (meas r1 (Line)	final circu sured end <sup>r</sup> n (Neutral	r <sub>2</sub>	All c (one co be con R <sub>1</sub> +R <sub>2</sub>	ircuits plumn to npleted) R <sub>2</sub>	Live - Live	Δ Live - Earth	< Test voltage	<ul> <li>Polarity</li> </ul>	Maximum meas b earth fault loop impedance 7s	Disconnection time	<ul> <li>Test button</li> <li>operation</li> </ul>	<ul> <li>Test button</li> <li>operation</li> </ul>
2B	SOCKETS KITCHEN + EXTRACTOR FAN	A	С	6	2.5	1.5	0.4	60898	С	32	10	N/A	0.68	0.20	0.21	0.33	0.14	N/A	>299	> 299	9 500	~	0.74	N/A	N/A	N/A
3R	LIGHTS NARTHEX + WORSHIP HALL + WC/FAN	A	С	16	1.5	1.0	0.4	60898	С	16	10	N/A	1.37	N/A	N/A	N/A	2.33	N/A	LIM	LIM	500	~	2.55	N/A	N/A	N/A
3Y	SOCKETS ENTRANCE + OUTSIDE LIGHT FCU	A	С	4	2.5	1.5	0.4	60898	С	20	10	N/A	1.09	N/A	N/A	N/A	0.51	N/A	>299	>299	500	~	0.73	N/A	N/A	N/A
3B	LIGHTS ENT/STAIRS/DIS WC/CELLAR	A	С	17	1.0	1.0	0.4	60898	С	16	10	N/A	A 1.37	N/A	N/A	N/A	1.05	N/A	LIM	LIM	500	~	1.65	N/A	N/A	N/A
4R	WATER HEATER DISABLED TOILET	A	С	1	2.5	1.5	0.4	60898	С	16	10	N/A	1.37	N/A	N/A	N/A	0.60	N/A	>299	> 299	9 500	~	0.82	N/A	N/A	N/A
4Y	SOCKET VESTRY + ALARM PANEL	С	С	2	2.5	1.5	0.4	60898	С	32	10	N/A	0.68	N/A	N/A	N/A	0.56	N/A	LIM	LIM	500	x	0.78	N/A	N/A	N/A
4B	LIGHTS KITCHEN/PLAY RM/BK STAIRS/TOI	A	С	27	1.0	1.0	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	1.70	N/A	LIM	24.0	500	~	2.30	N/A	N/A	N/A
5R	COOKER KITCHEN	Α	С	1	6	2.5	0.4	60898	С	32	10	N/A	0.68	N/A	N/A	N/A	0.37	N/A	LIM	96.1	500	~	0.59	N/A	N/A	N/A
5Y	SOCKETS STAGE IN WORSHIP ROOM	A	С	8	2.5	1.5	0.4	61009	С	10	10	30	2.19	0.43	0.44	0.68	0.25	N/A	>299	>299	500	~	0.47	8.9	~	N/A
5B	SOCKETS LOUNGE/OFFICE	Α	С	8	2.5	1.5	0.4	61009	С	32	10	30	0.68	0.73	0.72	1.40	LIM	LIM	LIM	LIM	500	~	2.00	8.9	V	N/A
6R	LIFT	F	С	1	4	35	0.4	60898	С	20	10	N/A	1.09	N/A	N/A	N/A	N/A	0.20	>299	>299	500	~	0.42	N/A	N/A	N/A
6Y	LIFT	F	С	1	4	35	0.4	60898	С	20	10	N/A	1.09	N/A	N/A	N/A	N/A	0.20	>299	>299	500	V	0.42	N/A	N/A	N/A
CODE	A B S FOR Thermoplastic Thermoplastic E OF insulated/sheathed cables in RING cables metallic conduit		Th	C ermopl cables netallic	lastic in condui	it	The	D ermoplastic cables in Illic trunking	r	The	E rmop ables tallic	lastic in trunki	ing	F Thermo /SWA	- pplastic cables	Therr /SW	G mosettir 'A cable:	ng s	H Miner insulated	al			0 - 0 N/	ther A		

S	CHEDULE OF CIRCUIT D	ETAILS	AN	) TE	ST RE	SUL	TS																	
Distr	ibution board designation:			[	D.B. 1					Lo	catio	n:												
					Circuit conductor	time S7671	Overcur	rent p device	rotecti s	ve	RCD	S7671		Circuit im	pedance	es (Ohm	s)	li re	nsulation esistance			sured	R	D AFD
t number 1ase	Circuit designation	f wiring	nce Methoc	r of served	Live cp	disconnect	BS(EN)	No	þ	icity	ating ent, I∆n	mum Z <sub>S</sub> nitted by B	Ring f (meas	inal circu ured end	its only to end)	All c (one co be con	ircuits plumn to npleted)	- Live	- Earth	voltage	ity	mum meas n fault loop dance Zs	onnection	button ation button
Circui and pl		Type o	Refere	Numbe	mm <sup>2</sup> mn	s Max		Type	> Ratir	kA Cape	A curre	Ω pern	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>	L Γ ΜΩ	L <sup>ζ</sup> e MΩ	< Test	<ul> <li>Polar</li> </ul>	δ Maxi Bearth impe	s Disco	<ul> <li>Test</li> <li>oper</li> <li>Test</li> </ul>
6B	LIFT	F	С	1	4 3	5 0.4	60898	С	20	10	N/A	1.09	N/A	N/A	N/A	N/A	0.20	>299	>299	500	~	0.80	N/A	N/A N/
						_																		
						_																		
CODE	A S FOR Thermoplastic Therm E OF insulated/sheathed cab	B noplastic les in	Th	C nermop cables	lastic	Th	D ermoplastic cables in		The	E ermopl ables	lastic in		F Thermo	plastic	Ther	G mosettir	ng	H	al			0 - 0 N/	ther A	
WIF	RING cables metallic	c conduit	nonn	netallic	conduit	met	allic trunking		nonme	tallic	trunki	ng	/SWA c	ables	/SW	/A cables	S	insulated o	cables					

## SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS **KITCHEN** Distribution board designation: D.B. 2 Location: Circuit ect time BS7671 BS7671 Insulation Overcurrent protective RCD 20 RCD AFDD Circuit impedances (Ohms) conductors: resistance devices CSa measu t loop e Zs **Reference Method** All circuits number Disconnection by | Ring final circuits only Z<sub>S</sub> Operating current, I∆n (one column to Test button operation Earth Test voltage Type of wiring Number of points served button Maximum n earth fault I impedance (measured end to end) Circuit designation Maximum phase e ö ive be completed) Capacity Type No Max disc permitte Polarity Rating BS(EN) Live срс Circuit I Test k opera ive Live r<sub>1</sub> rn $R_1 + R_2$ $R_2$ r2 mm<sup>2</sup> mm<sup>2</sup> А kA mΑ Ω (Line) (Neutral) MΩ MΩ V r Ω r V S (cpc) ms RCD1 RCD N/A N/A N/A N/A N/A N/A 61008 N/A N/A N/A 30N/A N/A N/A N/A N/A N/A N/A N/A N/A 1 N/A 14.3 🖌 N/A SPARF 1 N/A SPARE N/A N/A N/A N/A N/A N/A N/A N/A N/AN/A N/A N/A N/A N/A N/A N/A N/A N/A 2 N/A N/A N/A N/A N/A N/A N/A SPARE 3 N/A N/A N/A N/A N/A N/A N/A N/A N/A N/AN/A N/A LIGHTS UPSTAIRS KITCHEN В А С 3 1.5 1.0 0.4 60898 6 6 N/A 7.28 N/A N/A N/A 0.53 N/A LIM >299 500 ✓ 0.76 N/A N/A N/A 4 5 SOCKETS UPSTAIRS KITCHEN + А С 8 2.5 1.5 0.4 60898 В 32 6 N/A 1.37 0.32 0.32 0.53 0.37 N/A >299 >299 500 ✓ 0.60 N/A N/A N/A HEATER + FCU В WATER HEATER UPSTAIRS С 10.0 4.0 0.4 60898 40 6 30 1.09 N/A N/A 0.10 N/A >299 >299 500 0.33 N/A N/A N/A 6 А N/A 1 **KITCHEN** 0 - Other Α В С D Е F G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosetting Mineral insulated/sheathed cables in N/A TYPE OF cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION Origin 1 Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v BS(EN): Rating: А Ω kΑ 7s: lpf: Voltage: for the distribution circuit: Disconnection Disconnection BS(EN): mΑ ms RCD No of poles: Rating: ms time at In: time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): FLUKE MFT Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: Earth fault loop impedance: RCD: TESTED BY PAUL WATSON Electrician 08/04/2020 Name: Position: Signature: Date:

S	CHEDULE OF CIRCUIT DETA	<b>ALLS</b>	ANE	) TE	ST	RES	SULT	S																			
Distr	ibution board designation:		Γ			Location:					KITCHEN																
					Circuit conductors:		time S7671	Overcurr	ent pi levice:	t protective ices		RCD	S7671		Circuit impedances (Ohms)			s)	Insulation resistance				sured	R	CD	AFDD	
Circuit number and phase	Circuit designation	Type of wiring	Reference Methoo	Number of points served	Live	cpc	<ul> <li>Max disconnect</li> <li>permitted by B:</li> </ul>	BS(EN)	Type No	> Rating	🗲 Capacity	3 Operating 5 current, IAn	Β Maximum Z <sub>S</sub> permitted by B:	Ring t (meas r <sub>1</sub> (Line)	final circui sured end r <sub>n</sub> (Neutral)	r <sub>2</sub> (cpc)	All ci (one co be con R <sub>1</sub> +R <sub>2</sub>	ircuits plumn to npleted) R <sub>2</sub>	ΩM Uve - Live	Δ M M S Live - Earth	< Test voltage	<ul> <li>Polarity</li> </ul>	Maximum meas θ earth fault loop immedance 7s	Bisconnection time	<ul> <li>Test button</li> <li>operation</li> </ul>	<ul> <li>Test button</li> <li>operation</li> </ul>	
RCD2	RCD	N/A	A N/A	N/A	N/A	N/A	AN/A	61008	N/A	N/A	N/A	A 30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	~	N/A	14.1	~	N/A	
1	NOT IN USE	N/A	A N/A	N/A	N/A	N/A	0.4	60898	В	32	6	30	1.37	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	
2	NOT IN USE	N/A	A N/A	N/A	N/A	N/A	0.4	60898	В	6	6	30	7.28	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	
3	NOT IN USE	N/A	A N/A	N/A	N/A	N/A	0.4	60898	В	20	6	30	2.19	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	
4	20A SWITCH KITCHEN	E	В	1	2.5	1.5	0.4	60898	В	16	6	30	2.73	N/A	N/A	N/A	0.10	N/A	>299	>299	500	V	0.33	N/A	N/A	N/A	
5	SOCKETS OFFICE "JUNIOR ROOM	" E	В	4	2.5	1.5	0.4	60898	В	32	6	30	1.37	0.30	0.30	0.48	0.22	N/A	>299	>299	500	~	0.45	N/A	N/A	N/A	
6	SOCKETS PLAY ROOM + 2xFCU	A	С	4	2.5	1.5	0.4	60898	В	32	6	30	1.37	0.39	0.39	0.97	0.35	N/A	>299	>299	500	~	0.58	N/A	N/A	N/A	
																										<u> </u>	
	AB		C					D	D					F	E C				Н			0 Other					
CODE TYP WIR	S FOR Thermoplastic Thermoplas E OF insulated/sheathed cables in RING cables metallic conc	ic uit	Thermoplastic cables in nonmetallic conduit				Thermoplastic cables in metallic trunking			Thermoplastic cables in nonmetallic trunking			ng	Thermoplastic Ther /SWA cables /SW			mosetting /A cables ir		Mineral insulated cables			N/A					

## CONTINUATION FOR GENERAL COMMENTS

## GENERAL COMMENTS

General Comments for the Installation or Inspection of the report:

MAIN INTAKE POSITION

Ze: EARTH/R = 0.18FARTH/Y = 0.17EARTH/B = 0.58 FURTHER INVESTIGATION REQUIRED (MAX PERMITTED 0.8 OHM) MEASUREMENT TAKEN FROM MET, UNABLE TO REMOVE EARTHING CONDUCTOR BETWEEN MET AND SUPPLY CABLE DUE TO FACT MET SUPPLIES EARTH TO SEPARATE PREMISES METER TAILS NOT ADEQUATELY SUPPORTED IN INTAKE CUPBOARD CABLE ENTRY TO MAIN ISOLATOR REQUIRES FIRE FOAM SEALANT AND GROMMET STRIP SWA DISTRIBUTION CIRCUIT SINGLE PHASE DB FED DIRECTLY FROM 3-PH BOARD MAIN SWITCH INCOMING SIDE ON L1 PHASE, THIS IS CREATING AN IMBALANCED LOAD . BETTER PRACTICE WOULD HAVE BEEN ADDING ANOTHER THREE PHASE PANEL SUPPLIED FROM 63 AMP TP BREAKER. NOT POSSIBLE TO ASCERTAIN WHETHER SWA CABLE SUPPORTED ADEOUATELY THROUGH ENTRIRE RUN ALTHOUGH SWA CABLE PROTECTED BY 80A FUSE, RED PHASE L1 HAS THE POTENTIAL TO BE OVERLOADED (SINGLE PHASE BOARD WITH WATER HEATER/SOCKET CIRCUITS, WATER HEATER, COOKER, LIFT, COMMANDO SOCKETS FROM DB2 ALL BEING SUPPLIED BY RED PHASE) MAIN PROTECTIVE BONDING 3 x 10MM CONDUCTORS RUN IN PARALLEL FROM BOARD TO GAS/WATER IN CELLAR. DISCONNECTED FROM DB, CONTINUITY OF ALL 3 COMBINED = 0.03 OHM WANDER LEAD TEST OF VARIOUS EXTRANEOUS CONDUCTIVE PARTS CARRIED OUT, ALL EXAMPLES WERE BONDED DB1 Zs AT DB: EARTH/R = 0.22 EARTH/Y = 0.22EARTH/B = 0.60 - AS ABOVE, FI REQUIRED PFC: 2.28kA NO RCD PROTECTION KITCHEN SOCKETS NO MIXED COLOURS LABELS CIRCUITS NOT IDENTIFIED, NO SCHEDULE OR PREVIOUS TEST RESULTS PROVIDED MISSING RCD TEST LABEL **1R - LOOSE SOCKET** 1R - LOOSE ECU ON EAN BLOWER BOTTOM LEET 1R - 2 CIRCUITS IN ONE MCB 1R - R1+R2 VALUE 4.32 KOHM, REQUIRES FURTHER INVESTIGATION 1R - HEATER RIGHT R1+R2 4.32kOHM (0.41 TO FCU) 1R - HEATER LEFT R1+R2 0.530HM 1R - SOCKETS HEATER UPSTAIRS SOCKETS R1+R2 0.400HM HEATER R1+R2 0.620HM 1Y - HISTORICALLY A RING CIRCUIT, ONE LEG LEFT OUT OF BOARD 1B - 1MM CABLE ON 10A MCB, MIXED CABLE SIZES 1B - CELLAR SOCKET CIRCUIT IN 10A BREAKER WITH 4 OTHER 1MM CIRCUITS. REQUIRES OWN CIRCUIT. BLANK PLATE MISSING IN CELLAR BASIC ACCESSIBLE 1B - TOO MANY CABLES TO LABEL CORRECTLY ON DB SHEET. LIGHTS OUTSIDE, BOILERS AND SOCKETS IN CELLAR, JUNOR OFFICE LIGHTS, ELECTRIC HEATER CRECHE 1B - UNABLE TO COMPLETE IR TEST; UNABLE TO IDENTIFY CORRESPONDING NEUTRAL CONDUCTORS FOR CIRCUITS IN MCB, UNCLEAR AS TO WHETHER CURRENT USING EQUIPMENT REMAINS IN CIRCUIT 2Y - GROUND FLOOR WATER HEATER LOCATED IN CELLAR Zyssofe Køeve Coetd Maap Zisighet Rivis porte 2001 Alue, fi recedii red. Page: 15 of 15 3R - 2 CIRCUITS IN ONE MCB 3R - MAX Zs READINGS TOO HIGH. FI REQUIRED 3R - 1MM CABLE SUPPLIED BY A TYPE C 10A MCB, POTENTIAL TO OVERLOAD CABLE

## ELECTRICAL INSTALLATION 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.

 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 5). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger.
 The person ordering the Report should have received the 'original' Report and the inspector should have retained a duplicate.

3. The 'original' Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.

4. Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested six-monthly. For safety reasons it is important that this instruction is followed.

5. Section 4 (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 4.

7. For items classified in Section 7 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 7 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 7 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 6).

nature and extent of the apparent deficiency (see Section 6). 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 6 of the Report under 'Recommendations' and on a label at or near to the consumer unit/ distribution board.