

**Date** 10/11/2020

**Certificate Serial No/Ref:** 

JMC25



# J M Campbell Ltd **Electrical Installation Condition Report**

		(Requiremen	is for Electrical Ins	stallations – B	55 /6/1 IET WIRIN	g Regulatio	ons)	
A. DETAIL	S OF THE CL	IENT OR PERSON	ORDERING THE	WORK				
Name:	DADCA							
Address:	School Hill, Suther	rland, Dornoch, IV25 3LS	Email: N/A					
B. REASC	N FOR PROD	UCING THIS REP	ORT					
Public enter	tainments licence/el	ectrical safety check.						
			Date(s) in	spection and t	esting carried out:		10/11/2020	
C. DETAIL	S OF THE INS	STALLATION WHI	CH IS THE SUBJE	CT OF THIS	REPORT			
Occupier:	Void							
Address:	School Hill Suthe	erland Dornoch IV25 3LS						
Description	of premises:	N/A Domestic	✓ Commercial	N/A Industria	N/A Other,	please specify	y:	
Estimated aç	ge of the wiring sy	ystem 30 <b>Yea</b>	S Evidence of ac	Iditions or alterat	ions <b>V</b> Yes	N/A No	N/A Not apparent	
Installation re (Regulation	ecords available? 621.1)	Yes V No	Date of last inspection	2015	If yes, estimated age	0-10 years	Alternative source of supply (as described in attached schedule if applicable)	<b>✓</b>
D. EXTEN	T AND LIMITA	TIONS OF INSPE	CTION AND TEST		nspection and testing detailed and out in accordance with BS 7		accompanying schedules have be	een
Extent of the	e electrical installa	ation covered by this re	eport 100% of	finstallation				
Agreed limit	ations including t	he reasons, see Regul	ations 653.2					
Minimum of	30% of accessories	removed and inspected. V	isual inspection carried ou	ut where possible.				
Limitations	agreed with	N/A			Position (if appl	cable) N/A		
Operational including the		the years. On specific circuits (light disconnect all switchgea	or IR tests as not permissi ing) IR tests were carried r due to time constraints. sted @ spur as old dated p	out with linked pha	se to neutral conductors	and then tested		
		ealed within trunking and co the client and inspector pri					erground, have not been inspertations of their electrical equipment.	ected
E. SUMM	ARY OF THE (	CONDITION OF TH	HE INSTALLATION	V				
		<b>e installation</b> (in te						
The condition	n of the installation a	ppears to be satisfactory a	at the time of the test.					
		Overall assessm	ent of the installatio	n in terms of its	suitability for conti	nued use:		

**SATISFACTORY** 

An unsatisfactory assessment indicates that dangerous (code C1) and/or potentially dangerous (code C2) conditions have been identified

### F. RECOMMENDATIONS

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 'Danger present' (Code C1) or 'Potentially dangerous' (Code C2) are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as 'Further investigation required' (FI) Observations classified as 'improvement recommended' (Code C3) 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

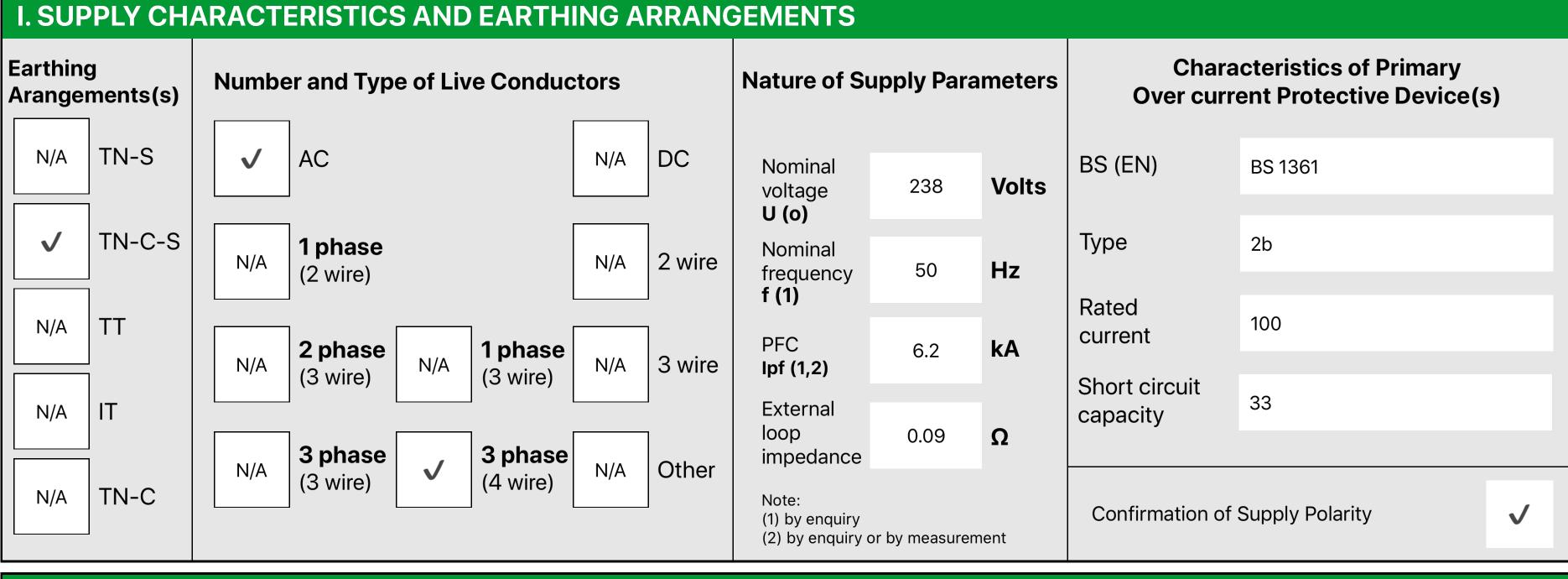
10/11/2025

### **G. DECLARATION**

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signature(s) below), particulars of which are described above, having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations and the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations in section D of this report.

INSPECTED AND	TESTED BY:		REPORT AUTHOR	ISED FOR ISSUE BY:	
Name (CAPITALS)	MARK RIDGEWAY		Contractor	J M Campbell Ltd	
Signature	H. KIYBA	<b>3</b>	Address	Unit 9 Dornoch Retail Park Dornoch Sutherland IV25 3QY	
Position	QS, PDH & Director	Date 10/11/2020			
Contact	Tel <b>01862 810576</b>		Name	Mark Ridgeway	
	Email enquiries@jmc-ltd.co.uk		Signature	A. A. Hard	
	Web <b>www.jmcampbell.co.uk</b>		ENROLMENT NO (If applicable)	17015	Date 10/11/2020

H. SCHEDULES	The attached schedule(s) are part of this document and thi	is report is valid only when they are attached to it
	✓ Schedule(s) of inspection and	Schedule(s) of test results attached



J. PARTIC	ULARS (	OF INS	TALLA	TION REFERR	ED T	O IN TH	IS RE	PORT						
Means of ea	arthing	V	Distribu	ıtor's facility		Type			N/A		Re	esistance to earth	N/A	Ω
Wicaris or Co	ar triirig	N/A	Installa	tion earth electro	de	Location	n of the	e earth ele	ectrode e applicable)			N/A		
MAIN PRO	TECTIVE C	ONDU	CTORS (	to extraneous c	ondu	ctive part	s)		MAIN SWITC	H/SW	TTCH-FUS	E/CIRCUIT BREAK	CER/RC	CD
Earthing Cor	nductor		in protec			<b>Main B</b> □ Water	ondino	<b>)</b>	T DO (T) I)		00047.0	Voltage rating	415	V
Conductor Material	Copper		nductor terial	Copper	\ <u>\</u>	installation pipes	N/A	Structural steel	Type BS (EN)  No of poles		60947-3 3	Current Rating	100	A
Conductor Csa mm <sup>2</sup>	16		nductor a mm <sup>2</sup>	6	N/A	Gas installation pipes	N/A	Other (specify)	Supply		Copper	*Rated time delay	N/A	ms
Connection/ continuity verific	ed 🗸		nnection/ tinuity verif	fied V	N/A	Oil installation			Conductor		25	*Rated RCD Operating current	N/A	mA
continuency vorms						□ pipes			* If RCD main s	witch		*RCD Operating time	N/A	ms

## **K. OBSERVATIONS** 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 The following observations are made **ITEM NO OBSERVATION CLASSIFICATION CODE** No additional protection by RCD for cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203) pertaining to C3 Distribution cables to DB6, DB4 & DB7. Water heater in ladies toilet panel cupboard is badly corroded, also is missing the original cover which under normal circumstances C3 2 would warrant a C1, but because it is behind a panel which requires a tool to remove, it is deemed safe. Main protective bonding conductor sizes not adequate (544.1), 6mm earth conductor but no sign of thermal damage. C3 3 C3 Incorrect identification of conductors (514.3.1) no identification sleeving on live conductors. 4 Store/projector control cupboard, 6 gang switch has hairline fracture on faceplate, not causing immediate danger but C3 recommend replacing. DB7 is made of a combustible material, not directly under a staircase but still on a landing near the staircase, improvement C3 6 recommended. Socket outlets giving poor continuity readings through the plug top only in kitchen, possible poor quality accessories. C3 1mm spurred off of kitchen socket circuit, couldn't trace where it went. Disconnected at time of test as cable doesn't have current C3 8 carrying capacity of 32A. Kitchen circuit 8 @ 20A indicator the accessory is fitted to back box with wood screw, requires improvement. C3 9 Additional notes/observations attached or to follow ref: **Additional observations** N/A

One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action.

C1 - Danger present. Risk of injury. Immediate remedial action required

C2 – Potentially dangerous – urgent remedial action required

C3 – Improvement recommended

FI – Further investigation required without delay

DISTRIBU	TION BOARD DET	AILS FOR	Schoo	Hill Sutherl	and IV25	3LS										
DB ref:	DB1	Zs at this board (Ω):	N/A	lpf at this board (kA):	N/A	Main switch type BSEN	60947-3	Rating:	100	Amps	Supply	25	mm <sup>2</sup>	Earth:	16	mm <sup>2</sup>
Distribution board location	Origin main hall cupk	poard Confirm	Sequence ned propriate)	<b>✓</b>	Supplied from:		Mains	No. Of phases:	Three	Supply prodevice types BSEN reference	e	BS 1361	Type 2b	Rating:	100	Amps
CIRCUIT	DETAILS						Т	EST RESU	JLTS							

				ъ		cuit uctors	<b>a</b>	Pro	otectiv	ve Devi	ce			(	Continu	ity Ω		ı	nsulati	on Res	istance	9		а		RCD	AFDD
Reference		wiring	method	points serve	ım²)	(mm²)	ection time	(EN)	(A)	mA	pacity (kA)	i Zs (Ω*)	circ	ing fin cuits o	nly	All cir (At least 1 to be con	column	sistance ge V	ve	Neutral	arth	Earth	larity	asured Zs	on time	utton/	st button/ lity
Circuit Re	Circuit Designation	Type of	Reference	Number of po	Live (m	m) odo	Max disconne	Type BS (	Rating (	RCD I∆n	Short circuit cap	Max permitted	<b>r</b> 1	<b>r</b> n	<b>r</b> <sub>2</sub>	<b>R</b> <sub>1+</sub> <b>R</b> <sub>2</sub>	R2	Insulation resi test voltag	Live - Li	Live - Net	Live - Ea	Neutral - E	Pola	Maximum mea	⊼ Disconnection		fucntionality Manual AFDD test b functionality
1	Kitchen DB4 supply	A	С	1	16	6.0	5	60898 type C	50	N/A	10	0.35	N/A	N/A	N/A	0.15	N/A	500	N/A	>299	>299	>299	<b>√</b>	0.22	A/N	₹ N/A	A N/A
2	Youth club room DB5 supply	Α	С	1	6	2.5	0.4	61009 type B	32	30	10	1.1	N/A	N/A	N/A	0.42	N/A	500	N/A			>299		0.45		17.8	N/A
3	Ceiling sockets pair 4	А	С	6	1.0	1.0	0.4	61009 type B	6	30	10	5.87	N/A	N/A	N/A	1.50	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	0.95		6.71	N/A
4	Coffee area lights	Α	С	7	1.0	1.0	0.4	61009 type B	6	30	10	5.87	N/A	N/A	N/A	1.00	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	1.09		18.0	N/A
5	Ceiling sockets pair 1	А	С	6	1.0	1.0	0.4	61009 type B	6	30	10	5.87	N/A	N/A	N/A	0.71	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	0.55		18.2	N/A
6	Main hall radial sockets	А	С	6	2.5	1.5	0.4	61009 type B	16	30	10	2.2	N/A	N/A	N/A	0.38	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	0.56	17.8	17.8	N/A
7	Spare	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	₹ N/ <i>x</i>	A N/A
8	Main hall ring sockets	Α	С	6	2.5	1.5	0.4	61009 type B	32	30	10	1.1	0.39	0.43	0.66	0.28	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	0.36		18.3	N/A
9	Main hall ceiling fan	А	С	1	1.0	1.0	0.4	61009 type B	6	30	10	5.87	N/A	N/A	N/A	1.21	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	1.30	17.9	17.9	N/A
10	Kitchen lights	Α	С	7	1.0	1.0	0.4	61009 type B	6	30	10	5.87	N/A	N/A	N/A	2.03	N/A	250	N/A	N/A	>99.9	>99.9	<b>✓</b>	2.12	17.8	17.8	N/A
11	Frost heater ladies toilet	Α	С	1	2.5	1.5	0.4	61009 type B	16	30	10	2.2	N/A	N/A	N/A	0.42	N/A	250	N/A	>99.9	>99.9	>99.9	<b>✓</b>	0.51	17.8	17.8	N/A
12	Heating control	Α	С	1	1.0	1.0	0.4	61009 type B	6	30	10	5.87	N/A	N/A	N/A	0.08	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	0.17	17.8	17.8	N/A
13	Youth club & 2 x store room lights	А	С	7	1.0	1.0	0.4	61009 type B	6	30	10	5.87	N/A	N/A	N/A	1.08	N/A	250	N/A	N/A	>99.9	>99.9	<b>√</b>	1.17	17.8	17.8	N/A
14	Struie room DB6 supply	Α	С	1	10	4.0	5	60898 type C	50	N/A	10	0.35	N/A	N/A	N/A	0.42	N/A	500	N/A	>299	>299	>299	<b>√</b>	0.27	N/A	<b>₹</b> N/ <i>i</i>	A N/A
15	Socket in this cupboard	А	С	2	2.5	1.5	0.4	61009 type B	16	30	10	2.2	N/A	N/A	N/A	0.03	N/A	500	N/A	>299	>299	>299	<b>√</b>	0.15	17.9	17.9	N/A
16	Ceiling sockets pair 5 & coffee area emergen	Α	С	9	1.0	1.0	0.4	61009 type B	6	30	10	5.87	N/A	N/A	N/A	1.03	N/A	250	N/A	N/A	>99.9	>99.9	<	1.04	21.9	19.1	N/A

<sup>\*</sup> Where the maximum permitted earth fault loop impedance value stated is taken at from a source other than the tabulated values given in Chapter 41 of BS 7671, state the source of the data





DB1

**Distribution board reference:** 

Circuit **Protective Device** Continuity  $\Omega$ **Insulation Resistance RCD** AFDD Conductors served time circuit capacity (kA) Zs (°C) Reference method **Ring final All circuits** Maximum measured disconnection of wiring Referen circuits only (At least 1 column RCD test button/ Neutral Number of points (EN) Zs to be completed) (measured end to end) Live (mm<sup>2</sup>) fucntionality cpc (mm<sup>2</sup>) **Polarity** oltage Disconnection Rating (A) permitted **Circuit Designation** Type BS Circuit Insulation  $R_{1+}R_{2}$  $R_2$ r<sub>1</sub> r<sub>2</sub> Max Max Short 1x | 5x 18.3 18.3 0.68 N/A >99.9 | >99.9 | >99.9 0.64 **V** N/A Ceiling sockets pair 2 С 6 61009 type B 6 5.87 N/A N/A N/A N/A 250 V 1.0 30 1.0 10 17.8 17.8 C 30 N/A 0.02 N/A >299 >299 >299 Fire alarm supply 1.0 61009 type B 5.87 N/A N/A N/A 500 0.11 18.2 N/A N/A С N/A 0.68 >99.9 >99.9 0.77 2 x toilet & corridor lights 1.0 0.4 61009 type B 5.87 N/A N/A N/A 250 **V** 30 1.0 17.8 С N/A >299 >299 N/A 0.38 >299 0.43 N/A Ladies & gents water heater 2.5 1.5 0.4 61009 type B 16 30 N/A N/A N/A 500 10 17.8 N/A Outside PIR light front door C 0.98 N/A >99.9 >99.9 **V** 1.07 61009 type B 5.87 N/A N/A N/A 250 1.0 0.4 30 N/A 1.0 10 17.9 N/A N/A N/A >99.9 >99.9 C N/A 1.10 **V** 1.19 61009 type B 5.87 N/A N/A 250 Main hall lights & emergency lights 1.0 1.0 30 17.9 17.9 С N/A >99.9 >99.9 >99.9 5.87 N/A 1.01 Ceiling sockets pair 3 61009 type B N/A N/A 1.10 30 N/A 250 1.0 17.9 N/A С N/A 0.89 >99.9 >99.9 0.98 5.87 N/A 250 1.0 61009 type B 30 N/A N/A Front of building outside flood lights

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DISTRIBUTI	ION BOARD DETA	AILS FOR	School	Hill Sutherl	and IV25	3LS										
DB ref:	DB2	Zs at this board (Ω):	N/A	lpf at this board (kA):	N/A	Main switch type BSEN	61008 RCD	Rating:	63	Amps	Supply	16	mm <sup>2</sup>	Earth:	10	mm <sup>2</sup>
Distribution board location:	Origin main hall cupb	oard Confirm	Sequence ned propriate)	N/A	Supplied from:		Mains	No. Of phases:		Supply pr device typ BSEN refe	oe	BS 1361	Type 2b	Rating:	100	Amps
CIRCUIT DE	ETAILS						Т	EST RESU	JLTS							

				<b>D</b>	Circ Condu	cuit uctors	4)	Pro	otectiv	ve Dev	ce			(	Continu	ıity Ω		ı	nsulati	on Res	istance	е		а	R	D	AFDD
Reference		wiring	method	points serve	(mm²)	(mm²)	ection time	(EN)	(A)	mA	apacity (kA)	d Zs (Ω*)	circ	ing fin cuits o	nly	All cir (At least 1 to be con	column	sistance ige V	Live	Neutral	arth	Earth	larity	ured Zs	tion time	utton/ ality	est button/ ality
Circuit Re	Circuit Designation	Type of	Reference	Number of po	Live (m	m) odo	Max disconne	Type BS	Rating (	RCD I∆n	Short circuit cap	Max permitted	<b>r</b> 1	<b>r</b> n	<b>r</b> <sub>2</sub>	<b>R</b> <sub>1+</sub> <b>R</b> <sub>2</sub>	R <sub>2</sub>	Insulation resi test voltag	Live - Li	Live - Ne	Live - Ea	Neutral - I	Pola	Maximum meas	Disconnection (ms)	RCD test b fucntion	Manual AFDD te functiona
1	Opposite wall heaters	A	С	2	2.5	1.5	0.4	60898 type B	16	30	6	2.2	N/A	N/A	N/A	0.77	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	0.36	44.2	<b>✓</b>	N/A
2	Mains wall left side heaters	Α	С	2	2.5	1.5	0.4	60898 type B	16	30	6	2.2	N/A	N/A	N/A	0.49	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	0.46	44.2 4	<b>√</b>	N/A
3	Mains wall right side heaters	Α	С	2	2.5	1.5	0.4	60898 type B	16	30	6	2.2	N/A	N/A	N/A	0.46	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	0.46	44.2	<b>√</b>	N/A
4	Spare	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A/N A/N	N/A	N/A
5	Spare	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A A/N	N/A	N/A
6	Spare	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y X	N/A	N/A
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<sup>\*</sup> Where the maximum permitted earth fault loop impedance value stated is taken at from a source other than the tabulated values given in Chapter 41 of BS 7671, state the source of the data





DISTRIBUTI	ION BOARD DETA	AILS FOR	School	Hill Sutherl	and IV25	3LS										
DB ref:	DB3	Zs at this board (Ω):	N/A	lpf at this board (kA):	N/A	Main switch type BSEN	61008 RCD	Rating:	63	Amps	Supply	16	mm <sup>2</sup>	Earth:	10	mm²
Distribution board location:	Origin main hall cupb	oard Confirm	Sequence ned propriate)	N/A	Supplied from:	j	Mains	No. Of phases:	Single	Supply pr device type BSEN refe	pe	BS 1361	Type 2b	Rating:	100	Amps
CIRCUIT DE	ETAILS						7	TEST RESU	JLTS							

				ъ	Circ	cuit uctors	4)	Pro	otectiv	e Devi	ice			(	Continu	ity Ω		ı	nsulati	ion Res	istance	е		a	RC	D	AFDD
Reference		wiring	method	ints serve	(mm²)	(mm²)	ection time	(EN)	(A)	mA	capacity (kA)	1 Zs (Ω*)	circ	ing fin cuits o	only	All cir (At least 1 to be con	l column	sistance ge V	, e	utral	Earth	Earth	rity	ured Zs	on time		est button/ lity
Circuit Re	Circuit Designation	Type of	Reference	Number of po	Live (m	m) odo	Max disconn	Type BS (	Rating (	RCD I∆n	Short circuit cap	Max permitted	<b>r</b> 1	<b>r</b> n	<b>r</b> 2	<b>R</b> <sub>1+</sub> <b>R</b> <sub>2</sub>	R <sub>2</sub>	Insulation res test volta	Live - Liv	Live - Net	Live - Ea	Neutral - E	Polarity	Maximum meas	Disconnection (ms)		Manual AFDD test b functionality
1	Coffee room convector radial	Α	С	3	2.5	1.5	0.4	60898 type B	16	30	6	2.2	N/A	N/A	N/A	0.53	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	0.54	33.5	V	N/A
2	Coffee room ring sockets	Α	С		2.5	1.5	0.4	60898 type B	32	30	6	1.1	0.45	0.43	0.66	0.32	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>		33.5 3	<b>√</b>	N/A

<sup>\*</sup> Where the maximum permitted earth fault loop impedance value stated is taken at from a source other than the tabulated values given in Chapter 41 of BS 7671, state the source of the data





DISTRIBUT	ION BOARD DET	AILS FOR	Schoo	Hill Sutherl	and IV25	3LS										
DB ref:	DB4	Zs at this board (Ω):	0.22	lpf at this board (kA):	21 I	Main switch type BSEN	60947-3	Rating:	100	Amps	Supply	16	mm <sup>2</sup>	Earth:	6	mm <sup>2</sup>
Distribution board location	Kitchen next to hallway nce	Phase S Confirm (where app		N/A	Supplied from:		DB1	No. Of phases:	Single	Supply prodevice types	e	BS EN 60898	3 MCB Type C	Rating:	50	Amps
CIRCUIT D	ETAILS						Т	EST RESU	JLTS							

				7	Circ	cuit uctors	4)	Pro	otectiv	e Dev	ice				Continu	ity Ω		ı	nsulati	on Res	istance	9		a		RCD	AFDD
Reference		wiring	method	points served	(mm²)	(mm²)	ection time	(EN)	(A)	mA	pacity (kA)	i Zs (Ω*)	circ	ing fin cuits o	only	All cir (At least 1 to be con	column	sistance ge V	Ve	utral	Earth	Earth	larity	asured Zs (	on time	utton/ Ilitv	st button/
Circuit Re	Circuit Designation	Type of	Reference	Number of po	Live (m	cpc (m	Max disconne	Type BS (	Rating (	RCD I∆n	Short circuit cap	Max permitted	<b>r</b> 1	<b>r</b> n	<b>r</b> 2	<b>R</b> <sub>1+</sub> <b>R</b> <sub>2</sub>	R2	Insulation resi test voltag	Live - Li	Live - Neutra	Live - Ea	Neutral - E	Pola	Maximum mea	Disconnection	RCD test by fucntional	Manual AFDD test b functionality
1	Spare	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<b>∀</b> /Z	▼ N/A	N/A
2	Spare		<u> </u>	N/A	N/A	N/A	N/A	N/A	N/A		<u> </u>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	•	N/A	•	A/N :		
3	Spare	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		_	N/A
4	Spare	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	₹ 2	₹ N/A	N/A
5	Cupboard light	Α	С	1	1.0	1.0	0.4	60898 type B	6	30	6	5.87	N/A	N/A	N/A	0.22	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	0.31	42.6	Σ. <b>4</b>	N/A
6	Sockets	Α	С	15	2.5	1.5	0.4	60898 type B	32	30	6	1.1	0.30	0.28	0.48	0.25	N/A	250	N/A	N/A	>99.9	>99.9	<b>√</b>	0.31	42.6	£.4 <b>√</b>	N/A
7	Ovens	Α	С	2	6	2.5	5	60898 type B	40	30	6	0.88	N/A	N/A	N/A	0.21	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	0.30	42.6	₹.4.3 <b>\</b>	N/A
8	Spare	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y S	√Z N/A	N/A
9	Spare	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y :	▼ N/A	N/A
10	Water heater	Α	С	1	2.5	1.5	0.4	60898 type B	16	30	6	2.2	N/A	N/A	N/A	0.37	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	0.46	45		N/A
11	Plinth heaters	Α	С	2	2.5	1.5	0.4	60898 type B	16	30	6	2.2	N/A	N/A	N/A	0.34	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	0.43	45		N/A
12	Hob	Α	С	1	6	2.5	5	60898 type B	40	30	6	0.88	N/A	N/A	N/A	0.25	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	0.34	45.0	× × × × × × × × × × × × × × × × × × ×	N/A

<sup>\*</sup> Where the maximum permitted earth fault loop impedance value stated is taken at from a source other than the tabulated values given in Chapter 41 of BS 7671, state the source of the data





DISTRIBUTI	ON BOARD DETA	AILS FOR	School	Hill Sutherl	and IV25	3LS										
DB ref:	DB5	Zs at this board (Ω):	0.45	lpf at this board (kA):	21	Main switch type BSEN	60947	Rating:	100	Amps	Supply	6	mm <sup>2</sup>	Earth:	2.5	mm <sup>2</sup>
Distribution board location:	Youth club room cupb			N/A	Supplied from:		DB1	No. Of phases:	Single	Supply prodevice types	oe B	S EN 61009 F	RCD/RCBO - Typ e B	Rating:	32	Amps
CIRCUIT DE	TAILS						•	TEST RESU	JLTS							

				ъ	Cir Condi	cuit uctors		Pro	otectiv	re Dev	ice			(	Continu	ity Ω		ı	nsulati	on Res	istance	e		a	R	CD	AFDD
Reference		wiring	method	ints served	(mm²)	(mm²)	ection time	(EN)	(A)	mA	capacity (kA)	1 Zs (Ω*)	circ	ing fin cuits o	nly	All cir (At least 1 to be con	column	sistance ge V	Ve	Neutral	arth	Earth	rity	asured Zs (	on time	utton/ ality	st button/ llity
Circuit Re	Circuit Designation	Type of	Reference	Number of po	Live (m	m) odo	Max disconn	Type BS	Rating (	RCD I∆n	Short circuit cap	Max permitted	<b>r</b> 1	<b>r</b> n	<b>r</b> 2	<b>R</b> <sub>1+</sub> <b>R</b> <sub>2</sub>	R2	Insulation resi test voltag	Live - Liv	Live - Ne	Live - Ea	Neutral - E	Polarity	Maximum mea	Disconnection (ms)	RCD test b fucntion	Manual AFDD test b functionality
1	Right hand side heater under window	A	С	1	2.5	1.5	0.4	60898 type B	16	30	3	2.2	N/A	N/A	N/A	0.20	N/A	250	N/A	>99.9	>99.9	>99.9	<b>✓</b>	0.29	A/N A/N	N/A	N/A
2	Sockets	A	С	6	2.5	1.5	0.4	60898 type B			3			N/A			N/A					>99.9			\( \frac{1}{4} \) \( \frac{1}{		
3	Heaters	A	С	3	2.5	1.5	0.4	60898 type B		30	3	2.2	N/A	N/A	N/A	0.17	N/A	250				>99.9		0.26	A/N A/N A/N	N/A	
4	Left hand side heater	Α	С	1	2.5	1.5	0.4	60898 type B	16	30	3	2.2	N/A	N/A	N/A	0.29	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	0.38	A X	N/A	N/A
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<sup>\*</sup> Where the maximum permitted earth fault loop impedance value stated is taken at from a source other than the tabulated values given in Chapter 41 of BS 7671, state the source of the data





DISTRIBUTIO	N BOARD DETA	AILS FOR	School	Hill Sutherl	and IV25	3LS										
DB ref:	DB6	Zs at this board (Ω):	0.27	lpf at this board (kA):	1.8	Main switch type BSEN	61008 RCD	Rating:	63	Amps	Supply	10	mm <sup>2</sup>	Earth:	4	mm <sup>2</sup>
Distribution board location:	Struie room	Phase S Confirm (where app		N/A	Supplied from:		DB1	No. Of phases:		Supply prodevice types	oe	BS EN 60898	3 MCB Type C	Rating:	50	Amps
CIRCUIT DET	AILS						Т	EST RESU	JLTS							

				<b>D</b>	Circ	cuit uctors	0	Pro	otectiv	ve Devi	ce			(	Continu	ıity Ω		ı	nsulati	on Res	istance	е		а	RC	:D	AFDD
Reference		wiring	method	points serve	(mm²)	(mm²)	onnection time	(EN)	(A)	mA	pacity (kA)	d Zs (Ω*)	circ	ing fin cuits o	nly	All cir (At least 1 to be con	column	sistance ige V	ive	Neutral	arth	Earth	larity	measured Zs	on time	utton/ ality	est button/ ality
Circuit Re	Circuit Designation	Type of	Reference	Number of po	Live (m	m) odo	Max disconn	Type BS (	Rating (	RCD I∆n	Short circuit cap	Max permitted	<b>r</b> 1	<b>r</b> n	<b>r</b> <sub>2</sub>	<b>R</b> <sub>1+</sub> <b>R</b> <sub>2</sub>	R <sub>2</sub>	Insulation resi test voltag	Live - Liv	Live - Ne	Live - Ea	Neutral - E	Pola	Maximum mea	Disconnection (ms)	RCD test by fucntions	Manual AFDD te functiona
1	Emergency lights	A	С	2	1.0	1.0	0.4	60898 type B	6	30	6	5.87	N/A	N/A	N/A	0.19	N/A	250	N/A	N/A	>99.9	>99.9	<b>√</b>	0.28	53.7	<b>V</b>	N/A
2	Lights	Α	С		1.0	1.0	0.4	60898 type B	6	30	6	5.87	N/A	N/A	N/A	0.74	N/A	250	N/A	N/A	>99.9	>99.9	<b>√</b>	0.83	53.7 5	<b>√</b>	N/A
3	High level wall heater	Α	С	1	2.5	1.5	0.4	60898 type B	16	30	6	2.2	N/A	N/A	N/A	0.24	N/A	500	N/A	>299	>299	>299	<b>√</b>	0.33	53.7	<b>√</b>	N/A
4	3 x twin sockets	Α	С	6	2.5	1.5	0.4	60898 type B	16	30	6	2.2	N/A	N/A	N/A	0.47	N/A	500	N/A	>299	>299	>299	<b>√</b>	0.56	53.7	<b>✓</b>	N/A
5	Ring main sockets	А	С		2.5	1.5	0.4	60898 type B	32	30	6	1.1	0.25	0.26	0.41	0.28	N/A	500	N/A	>299	>299	>299	<b>√</b>	0.37	53.7	<b>&gt;</b>	N/A
6	Spare	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A/N A/N	N/A	N/A
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<sup>\*</sup> Where the maximum permitted earth fault loop impedance value stated is taken at from a source other than the tabulated values given in Chapter 41 of BS 7671, state the source of the data





DISTRI	IBUTIO	N BOARD DETA	AILS FOR	Schoo	l Hill Sutherl	and IV2	5 3LS										
DB ref:		DB7	Zs at this board (Ω)	() 21	lpf at this board (kA):	1.09	Main switch type BSEN	60947-3	Rating:	100	Amps	Supply	16	mm²	Earth:	6	mm <sup>2</sup>
Distribut board loc		Top of stair to flat	t Conf	e Sequence irmed appropriate)	N/A	Supplied from:	d	Sub Mains	No. Of phases:	Single	Supply prodevice type BSEN refe	oe	BS 1361 F	Fuse HBC	Rating:	60	Amps
CIRCU	IT DET	AILS							EST RESU	JLTS							

				7	Circ	cuit uctors		Pro	otectiv	ve Devi	ce			(	Continu	ity Ω		ı	nsulati	ion Res	istance	9		a	R	CD	AFDD
Reference		wiring	method	ints serve	ım²)	m²)	ection time	(EN)	(A)	mA	apacity (kA)	d Zs (Ω*)	circ	ing fin cuits o	nly	All cir (At least 1 to be con	column	sistance ge V	ive	utral	Earth	Earth	rity	asured Zs	on time	utton/ ality	est button/ ality
Circuit Re	Circuit Designation	Type of	Reference	Number of po	Live (m	m) odo	Max disconn	Type BS	Rating (	RCD I∆n	Short circuit cap	Max permitted	<b>r</b> 1	<b>r</b> n	<b>r</b> 2	<b>R</b> <sub>1+</sub> <b>R</b> <sub>2</sub>	R2	Insulation res test volta	Live - Li	Live - Ne	Live - Ea	Neutral - I	Polarity	Maximum mea	Disconnection (ms)	RCD test be fucntions	Manual AFDD test k functionality
1	Big room ring sockets	A	С	8	2.5	1.5	0.4	60898 type B	32	30	6	1.1	0.38	0.38	0.61	0.48	N/A	250	N/A	>99.9	>99.9	>99.9	<b>V</b>	0.60	35.8	<b>V</b>	N/A
2	Socket radial	A	С	4	2.5	1.5	-	60898 type B		30	6	2.2	N/A	N/A	N/A	0.32	N/A	250	<u> </u>	>99.9					35.8 3		N/A
3	Socket radial	Α	С	4	2.5	1.5	0.4	60898 type B	16	30	6	2.2	N/A	N/A	N/A	0.24	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	0.39	35.8	,	N/A
4	Smoke alarms	Α	С	2	1.0	1.0	0.4	60898 type B	6	30	6	5.87	N/A	N/A	N/A	0.71	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	0.71	35.8	<b>√</b>	N/A
5	Spare	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	A/N A/N	N/A	N/A
6	Socket radial	А	С	4	2.5	1.5	0.4	60898 type B	16	30	6	2.2	N/A	N/A	N/A	0.59	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	0.81	28.5	<b>√</b>	N/A
7	Cupboard light	А	С	1	1.0	1.0	0.4	60898 type B	6	30	6	5.87	N/A	N/A	N/A	0.45	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	0.56	28.5	V	N/A
8	Lights	Α	С	6	1.0	1.0	0.4	60898 type B	6	30	6	5.87	N/A	N/A	N/A	0.94	N/A	250	N/A	>99.9	>99.9	>99.9	<b>√</b>	0.99	28.5	<b>√</b>	N/A
9	Spare	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	X X X	N/A	N/A
10	Spare	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	X X X	N/A	N/A
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<sup>\*</sup> Where the maximum permitted earth fault loop impedance value stated is taken at from a source other than the tabulated values given in Chapter 41 of BS 7671, state the source of the data





	TEST INSTR	UMENTS USED		
Earth fault loop impedance	N/A		RCD	N/A
Insulation resistance	N/A		MFT	1553
Continuity	N/A		Other	N/A
Inspected by:	11 0 0	Name (CAPITALS)	ARK RIDO	GEWAY
Signature	MAN MARIE	Date of	N/11/2020	
	י שן עליוייון.	inspection	)/11/2020	

EICR IMAGES	
Engineers optional images of C1 or C2 observations if applicable	

N. IN	SPECTION SCHEDULE FOR A DISTRIBUTION BOARD INSTALLATION		
Outc	omes Acceptable Condition √ Unacceptable condition C1 or C2 Improvement recommended C3 Further investigation: FI Not Verified: NV	Limitation: LIM	Not Applicable: N/A
ITEM	DESCRIPTION	(Use codes above where appropriate. C	JTCOME Provide additional comment 1, C2, C3 and FI coded items to ion K of the Condition Report)
1.0	DISTRIBUTOR'S / SUPPLY INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)		
1.1	Condition of service cable		<b>✓</b>
1.2	Condition of service head		<b>✓</b>
1.3	Condition of distributor's earthing arrangement		<b>✓</b>
1.4	Condition of meter tails - Distributor/Consumer		<b>✓</b>
1.5	Condition of metering equipment		<b>√</b>
1.6	Condition of isolator (where present)		N/A
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR OTHER SOURCES SUCH AS MICROGENERATORS (551.6; 551.7)		<b>✓</b>
3.0	EARTHING AND BONDING ARRANGEMENTS (411.3, Chapter 54)		
3.1	Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2)		<b>√</b>
3.2	Presence and condition of earth electrode connection where applicable (542.1.2.3)		N/A
3.3	Provision of earthing/bonding labels at all appropriate locations (514.13)		<b>√</b>
3.4	Adequacy of earthing conductor size (542.3, 543.1.1)		<b>√</b>
3.5	Accessibility and condition of earthing conductor at MET (543.3.2)		<b>√</b>
3.6	Adequacy of main protective bonding conductor sizes (544.1)		C3
3.7	Condition and accessibility of main protective bonding conductor connections (411.3.1.2; 543.3.2; 544.1.2)		<b>√</b>
3.8	Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2)		<b>√</b>
4.0	CONSUMER UNIT OR DISTRIBUTION BOARD		
4.1	Adequacy of working space / accessibility to consumer unit / distribution board (132.12; 513.1)		<b>✓</b>
4.2	Security of fixing (134.1.1)		<b>√</b>
4.3	Condition of enclosure(s) in terms of IP rating etc (416.2)		<b>✓</b>
4.4	Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)		<b>✓</b>
4.5	Enclosure not damaged or deteriorated so as to impair safety (651.2)		<b>✓</b>
4.6	Presence of main linked switch (as required by 462.1.201)		<b>✓</b>
4.7	Operation of main switch - (functional check) (643.10)		<b>✓</b>
4.8	Manual operation of circuit breakers and RCDs to prove disconnection (643.10)		<b>✓</b>
4.9	Correct identification of circuit details and protective devices (514.8.1; 514.9.1)		<b>✓</b>
4.10	Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)		<b>✓</b>
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit / distribution board (514.14)		<b>√</b>
4.12	Presence of alternative supply warning notice at or near consumer unit / distribution board (514.15)		<b>√</b>
4.13	Presence of other required labelling (please specify) *** (Section 514)		N/A
***			

TIEM    Compatibility of protective devices, bases and other components; correct typs and raiting (No signs of unacceptable thermal damage, aroing or over-tening) (411-3.2, 411-5, 411-5, 411-6, 5411-6; Sections 432, 433)   Compatibility of protective devices, bases and other components; correct typs and raiting (No signs of unacceptable thermal damage, aroing or over-tening) (411-3.2, 411-5, 411-5, 411-6; Sections 432, 433)   Compatibility of protective devices, bases and other components; correct typs and raiting (No signs of unacceptable thermal damage, aroing or over-tening) (411-3.2, 411-5, 411-5, 411-6; Sections 432, 433)   Compatibility of protective devices in line conductor only (132:141, 523.3.3)   Compatibility of protective devices in line conductor only (132:141, 523.3.3)   Compatibility of protective devices in line conductor only (132:141, 523.3.3)   Compatibility of protective devices in line conductor only (132:141, 523.3.3)   Compatibility of protective devices in line conductor only (132:141, 523.3.3)   Compatibility of protective devices in line conductor only (132:141, 523.3.3)   Compatibility of protective devices in line conductor conductor and the compatibility of protection in line conductor conductors (514.3)   Compatibility of protective devices in line conductors (514.3)   Compatibility of protective devices in line conductors (514.3)   Condition of the invalidation of line parts (141.3)   Condition of the invalidation of live parts (141.3)   Condition of conductors (514.3.1)   Condition of the invalidation of live parts (141.3)   Condition of conductors and overtice of the type and nature of invalidation and external influences (section 522)   Condition of the inva	N. IN	SPECTION SCHEDULE FOR A DIST	ribu	TION BOARD INS	STALLATION			
DESCRIPTION Compatibility of protective devices, bases and other components, correct type and rating [No signs of unacceptable thermal damage, arcing or overheating] (471.3.2, 471.4, 471.5, 471.6; Sections 422, 433)  Also Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)  Also Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)  Protection against nechanical damage where cables enter the consumer unit or distribution board (132.14.1; 522.8.1; 522.8.1; 522.8.1)  Protection against electromagnetic effects where cables enter consumer unit or distribution board (132.14.1; 522.8.1; 522.8.1)  Protection against electromagnetic effects where cables enter consumer unit or distribution board (132.14.1; 522.8.1; 522.8.1; 522.8.1)  Protection against electromagnetic effects where cables enter consumer unit or distribution board (132.14.1; 522.8.1; 522.8.1)  Protection against electromagnetic effects where cables enter consumer unit or distribution board (132.14.1; 520.3.1)  Protection against electromagnetic effects where cables enter consumer unit or distribution board (132.14.1; 520.3.1)  Protection against electromagnetic effects where cables enter consumer unit or distribution board (132.14.1; 520.3.1)  Protection against electromagnetic effects where cables enter consumer unit or distribution board (132.14.1; 52.2)  Protection against electromagnetic effects where cables enter consumer unit or distribution board (132.14.1; 52.2)  Protection against electromagnetic effects where cables enter consumer unit or distribution board (132.14.1; 52.2)  Protection against electromagnetic effects where cables enter consumers (132.14.1)  Protection and are fight and secure (226.1.4)  Protection and are fight and secure (226.1.4	Outc			-	The state of the s			
4.15 Single-pole switching or protective devices in line conductor only (132.14.1; \$30.3.3)  4.16 Protection against mechanical damage where cables enter the consumer unit or distribution board (122.14.1; \$23.6.18; \$23.8.15; \$23.8.15)  4.17 Protection against level/comagnetic effects where cables enter the consumer unit of distribution board (22.16.17)  4.18 RCD(s) provided for fault protection – includes RCBOs (411.4.204; 411.5.2; 531.2)  4.19 RCD(s) provided for additional protection/requirements – includes RCBOs (411.3.3; 415.1)  4.20 Confirmation of indication that SPD is functional (651.4)  4.21 Confirmation of indication that SPD is functional (651.4)  4.22 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)  4.23 Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  4.24 Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  5.0 FINAL CIRCUITS  5.1 Identification of conductors (514.3.1)  6.2 Cables correctly supported throughout their run (521.10.202; 522.8.5)  6.3 Condition of the insulation of live parts (416.1)  6.4 Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) To include the integrity of conduit and trunking systems (installic and plastic)  5. Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (30.6)  6. Coordination between conductors and overload protective devices (433.1; 533.2.1)  6. Coordination between conductors and overload protective devices (433.1; 533.2.1)  6. Concealed cables incorporating partitled armour or sheath, or run within earthed writing system or or therewise protected against incehnations, cerews and the (see Section 522)  6. Coordination between conductors and overload protective devices (433.1; 533.2.1)  6. Coordination between conductors and overload protective devices (523.3)  7. Provision of additional requirements for protection by RCD not ex	ITEM			DESCRIPTION			(Use codes above. where appropriate. C1	Provide additional comment 1, C2, C3 and FI coded items to
4.16 Protection against mechanical damage where cables enter the consumer unit or distribution board 4.17 Protection against mechanical damage where cables enter the consumer unit of distribution board 4.18 Protection against electromagnetic effects where cables enter consumer unit / distribution board 4.19 Protection against electromagnetic effects where cables enter consumer unit / distribution board 4.19 RCD(s) provided for autit protection – includes RCBOs (411.4.204; 411.5.2; 531.2) 4.19 RCD(s) provided for autit protection/requirements - includes RCBOs (411.3.3; 415.1) 4.20 Confirmation of indication that SPD is functional (651.4) 4.21 Confirmation of indication that SPD is functional (651.4) 4.22 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6) 4.23 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.7) 5.1 Identification of conductors (514.3.1) 6.2 Cables correctly supported throughout their run (521.10.202; 522.8.6) 6.3 Condition of the insulation of live parts (416.1) 6.3 Condition of the insulation of live parts (416.1) 6.4 Integrity of conduit and trunking systems (metallic and plastic) 6.5 Adequacy of protective devices type and rated current for fault protection (411.3) 6.6 Coordination between conductors and overload protective devices (433.1; 533.2.1) 6.7 Adequacy of protective devices: type and nature of the insulation and external influences (section 522) 6.7 Adequacy of protective devices: type and nature of the insulation and external influences (section 522) 7. Adequacy of protective devices: type and nature of the insulation and external influences (section 522) 8. Presence and adequacy of circuit protection of realty protection (411.3.3) 8. Presence and adequacy of circuit protection of the insulation and external influences (section 522) 8. Presence and adequacy of circuit protection and the like (see Section D. Extent and limitations) 8. Presence and adequacy of circuit prot	4.14	Compatibility of protective devices, bas unacceptable thermal damage, arcing of	ses and or overl	l other components neating) ( 411.3.2; 4	; correct type and rating 11.4; 411.5; 411.6; Secti	(No signs of ons 432, 433)		<b>✓</b>
### 10	4.15	Single-pole switching or protective dev	ices in	line conductor only	(132.14.1; 530.3.3)			<b>✓</b>
Robicsures (\$21.5.1) Rob(s) provided for fault protection - includes RCBOs (411.4.204; 411.6.2; 531.2) Rob(s) provided for additional protection/requirements - includes RCBOs (411.3.3; 415.1) Rob(s) provided for addition that SPD is functional (651.4) Rob(s) provided for addition that SPD is functional (651.4) Rob(s) provided for addition that SPD is functional (651.4) Rob(s) provided for addition that SPD is functional (651.4) Rob(s) provided for addition that SPD is functional (651.4) Rob(s)	4.16	(132.14.1; 522.8.1; 522.8.5; 522.8.11)						<b>✓</b>
4.10 RCD(s) provided for additional protection/requirements - includes RCBOs (411.3.3; 415.1)  4.20 Confirmation of indication that SPD is functional (661.4)  4.21 Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (528.1)  4.22 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)  4.23 Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  5.0 FINAL CIRCUITS  5.1 Identification of conductors (514.3.1)  5.2 Cables correctly supported throughout their run (521.10.202; 522.8.5)  6.3 Condition of the insulation of live parts (416.1)  6.4 Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) To include the integrity of conduit and trunking systems (intetilic and plastic)  6.5 Adequacy of cables for current-carrying capacity with regard for the type and nature of installation  7. Adequacy of cables for current-carrying capacity with regard for the type and nature of installation  8. Presence and adequacy of circuit protective devices (433.1, 533.2.1)  8. Presence and adequacy of circuit protective conductors (411.3.1; Section 543)  8. Presence and adequacy of circuit protective conductors (411.3.1; Section 543)  9. Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)  1. Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (623.6.204)  1. Provision of additional requirements for protection by RCD not exceeding 30 mA  1. For cables concealed in walls at adepth of less than 50 mm (522.6.202; 522.6.203)  1. Provision of additional requirements for protection by RCD not exceeding 30 mA  1. For cables concealed in walls at adepth of less than 50 mm (522.6.202; 522.6.203)  1. Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)  2. Provision of fire barriers, sealing arrangements	4.17		ects wh	ere cables enter co	nsumer unit / distributio	n board /		<b>✓</b>
4.20 Confirmation of indication that SPD is functional (651.4)  4.21 Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)  4.22 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.5)  4.23 Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  5.0 FINAL CIRCUITS  5.1 Identification of conductors (514.3.1)  6.2 Cables correctly supported throughout their run (521.10.202; 522.8.5)  6.3 Condition of the insulation of five parts (416.1)  6.4 Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) To include the integrity of conduit and trunking systems (netallic and plastic)  6.5 Adequacy or cables for current-carrying capacity with regard for the type and nature of installation (523)  6.6 Coordination between conductors and overload protective devices (433.1; 533.2.1)  6.7 Adequacy of protective devices: type and rated current for fault protection (411.3)  6.8 Presence and adequacy of circuit protective conductors (411.3.1; Section 543)  6.9 Wring system(s) appropriate for the type and nature of the installation and external influences (section 522)  6.10 Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)  6.11 Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (622.6.202)  7.12 Provision of additional requirements for protection by RCD not exceeding 30 mA  7.2 For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)  7.4 For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)  7.5 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)  8.14 Band II cables segregated or separated from Band I cables (528.1)  8.15 Cables segregated or separated from communication cabling (528.2)	4.18	RCD(s) provided for fault protection – in	cludes	RCBOs (411.4.204	; 411.5.2; 531.2)			N/A
Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)  Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)  Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  N/A  FINAL CIRCUITS  Identification of conductors (514.3.1)  Cables correctly supported throughout their run (521.10.202; 522.8.5)  LIM  Condition of the insulation of live parts (416.1)  Adequacy of cables protected by enclosure in conduit, ducting or trunking (521.10.1) To include the integrity of conduit and trunking systems (metallic and plastic)  Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)  Coordination between conductors and overload protective devices (433.1; 533.2.1)  Adequacy of protective devices: type and rated current for fault protection (411.3)  Presence and adequacy of circuit protective conductors (411.3.1; Section 543)  Wiring system(s) appropriate for the type and nature of the installation and external influences (section 522)  Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)  LIM  Concealed cables inscriporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage from nails, screws and the like (see Section D. Extent and limitations) (52.6.202)  For all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3)  For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)  For cables concealed in walls at a depth of less than 50 mm (62.6.202; 522.6.203)  For cables concealed in walls at a depth of less than 50 mm (62.6.202; 522.6.203)  Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)  Adequacy of protection separated from Band I cables (528.1)  LIM  Cables segrega	4.19	RCD(s) provided for additional protection	on/requ	uirements - includes	RCBOs (411.3.3; 415.1)			<b>✓</b>
terminals and are tight and secure (526.1)  4.22 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)  4.23 Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  N/A  5.0 FINAL CIRCUITS  5.1 Identification of conductors (514.3.1)  6.2 Cables correctly supported throughout their run (521.10.202; 522.8.5)  LIM  5.3 Condition of the insulation of live parts (416.1)  7.4 Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) To include the Integrity of conduit and trunking systems (metallic and plastic)  8.5 Adequacy of cables for current-carrying capacity with regard for the type and nature of installation  7.5 Adequacy of cables for current-carrying capacity with regard for the type and nature of installation  8.6 Adequacy of protective devices: type and rated current for fault protection (411.3)  8.7 Adequacy of protective devices: type and rated current for fault protection (411.3)  8.8 Presence and adequacy of circuit protective conductors (411.3.1; Section 543)  9.7 Wiring system(s) appropriate for the type and nature of the installation and external influences (section 522)  9.8 Wiring system(s) appropriate for the type and nature of the installation and external influences (section 522)  1.1 Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)  1.1 Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.204)  1.2 Provision of additional requirements for protection by RCD not exceeding 30 mA  1. For all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3)  1. For the supply of mobile equipment not exceeding 32 A rating for use outcloors (411.3.3)  1. For the supply of mobile equipment not exceeding 32 A rating for use outcloors (411.3.3)  1. For the supply of mobile equipment not exceeding 32 A rating for use outcloors (411.3.3)  1. For cables concealed in walls at a d	4.20	Confirmation of indication that SPD is for	unction	al (651.4)				N/A
Adequate arrangements where a generating set operates in parallel with the public supply (551.7)  FINAL CIRCUITS  Identification of conductors (514.3.1)  Cables correctly supported throughout their run (521.10.202; 522.8.5)  LIM  5.2 Cables correctly supported throughout their run (521.10.202; 522.8.5)  LIM  5.3 Condition of the insulation of live parts (416.1)  5.4 Integrity of conduit and trunking systems (metallic and plastic)  5.5 Adequacy of cables for current-carrying capacity with regard for the type and nature of installation  5.5 (Section 523)  5.6 Coordination between conductors and overload protective devices (433.1; 533.2.1)  5.7 Adequacy of protective devices: type and rated current for fault protection (411.3)  5.8 Presence and adequacy of circuit protective conductors (411.3.1; Section 543)  5.9 Wiring system(s) appropriate for the type and nature of the installation and external influences (section 522)  5.10 Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage from nails, screws and the like (see Section D. Extent and limitations)  5.11 Provision of additional requirements for protection by RCD not exceeding 30 mA  5.12 For all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3)  5.13 For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)  5.14 For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  5.15 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)  5.16 Cables segregated or separated from Band I cables (528.1)  LIM  5.17 Cables segregated or separated from communication cabling (528.2)  5.18 Cables segregated or separated from communication cabling (528.2)	4.21			, including connecti	ons to busbars, are corre	ectly located in		<b>✓</b>
5.0 FINAL CIRCUITS 5.1 Identification of conductors (514.3.1) 5.2 Cables correctly supported throughout their run (521.10.202; 522.8.5) 5.3 Condition of the insulation of live parts (416.1) 5.4 Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) To include the integrity of conduit and trunking systems (metallic and plastic) 5.5 Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) To include the integrity of conduit and trunking systems (metallic and plastic) 6.5 Coordination between conductors and overload protective devices (433.1; 533.2.1) 6.7 Adequacy of protective devices: type and rated current for fault protection (411.3) 6.8 Presence and adequacy of circuit protective conductors (411.3.1; Section 543) 6.9 Wiring system(s) appropriate for the type and nature of the installation and external influences (section 522) 6.10 Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202) 6.11 Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage from nails, screws and the like (see Section D. Extent and limitations) 6.11 Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage from palls, screws and the like (see Section D. Extent and limitations) 6.11 Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage from nails, screws and the like (see Section D. Extent and limitations) 6.11 Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage from nails, screws and the like (see Section D. Extent and limitations) 6.11 Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage from nails, sc	4.22	Adequate arrangements where a generat	ing set	operates as a switch	ed alternative to the publ	ic supply (551.6)		<b>✓</b>
5.1 Identification of conductors (514.3.1)  6.2 Cables correctly supported throughout their run (521.10.202; 522.8.5)  LIM  6.3 Condition of the insulation of live parts (416.1)  6.4 Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) To include the integrity of conduit and trunking systems (metallic and plastic)  6.5 (Section 523)  6.6 Coordination between conductors and overload protective devices (433.1; 533.2.1)  6.7 Adequacy of protective devices: type and rated current for fault protection (411.3)  6.8 Presence and adequacy of circuit protective conductors (411.3.1; Section 543)  6.9 Wiring system(s) appropriate for the type and nature of the installation and external influences (section 522)  6.10 Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)  6.11 Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)  6.12 Provision of additional requirements for protection by RCD not exceeding 30 mA  6.13 For all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3)  6.14 For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  7. For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  8. For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)  8. For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)  8. For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)  8. For cables concealed or separated from Band I cables (528.1)  6. LIM  6. Cables segregated or separated from Band I cables (528.1)  6. LIM  6. Cables segregated or separated from communication cabling (528.2)  8. N/A	4.23	Adequate arrangements where a gener	ating s	et operates in parall	lel with the public supply	y (551.7)		N/A
5.2 Cables correctly supported throughout their run (521.10.202; 522.8.5)  LIM  5.3 Condition of the insulation of live parts (416.1)  5.4 Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) To include the integrity of conduit and trunking systems (metallic and plastic)  5.5 Adequacy of cables for current-carrying capacity with regard for the type and nature of installation  5.6 (Section 523)  5.7 Adequacy of protective devices: type and rated current for fault protection (411.3)  5.8 Presence and adequacy of circuit protective conductors (411.3.1; Section 543)  5.9 Wiring system(s) appropriate for the type and nature of the installation and external influences (section 522)  5.10 Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)  5.11 Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage from nails, screws and the like (see Section D. Extent and limitations)  5.12 Provision of additional requirements for protection by RCD not exceeding 30 mA  5.12 For all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3)  5.13 For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  5.14 For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)  5.15 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)  5.16 Cables segregated or separated from Band I cables (528.1)  5.17 LIM  5.18 Cables segregated or separated from communication cabling (528.2)	5.0	FINAL CIRCUITS						
5.3 Condition of the insulation of live parts (416.1)  5.4 Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) To include the integrity of conduit and trunking systems (metallic and plastic)  5.5 (Section 52.3)  5.6 Coordination between conductors and overload protective devices (433.1; 533.2.1)  5.7 Adequacy of protective devices: type and rated current for fault protection (411.3)  5.8 Presence and adequacy of circuit protective conductors (411.3.1; Section 543)  5.9 Wiring system(s) appropriate for the type and nature of the installation and external influences (section 522)  5.10 Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)  5.11 Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)  5.12 Provision of additional requirements for protection by RCD not exceeding 30 mA   * For all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3)  * For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  * For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  * For cables concealed in walls partitions containing metal parts regardless of depth (522.6.203)  N/A  * Final circuits supplying luminaires within domestic (household) premises (411.3.4)  N/A  5.13 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)  5.14 Band II cables segregated or separated from Band I cables (528.1)  LIM  5.15 Cables segregated or separated from communication cabling (528.2)	5.1	Identification of conductors (514.3.1)						C3
5.4 Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) To include the integrity of conduit and trunking systems (metallic and plastic)  Adequacy of cables for current-carrying capacity with regard for the type and nature of installation  (Section 523)  5.6 Coordination between conductors and overload protective devices (433.1; 533.2.1)  5.7 Adequacy of protective devices: type and rated current for fault protection (411.3)  5.8 Presence and adequacy of circuit protective conductors (411.3.1; Section 543)  5.9 Wiring system(s) appropriate for the type and nature of the installation and external influences (section 522)  5.10 Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)  5.11 Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage from nails, screws and the like (see Section D. Extent and limitations)  5.12 Provision of additional requirements for protection by RCD not exceeding 30 mA  7 For all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3)  8 For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  9 For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  10 For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  11 For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  12 For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  13 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)  14 Band II cables segregated or separated from Band I cables (528.1)  15 Cables segregated or separated from communication cabling (528.2)  16 N/A	5.2	Cables correctly supported throughout	their ru	ın (521.10.202; 522	2.8.5)			LIM
integrity of conduit and trunking systems (metallic and plastic)  Adequacy of cables for current-carrying capacity with regard for the type and nature of installation  Coordination between conductors and overload protective devices (433.1; 533.2.1)  Adequacy of protective devices: type and rated current for fault protection (411.3)  Adequacy of protective devices: type and rated current for fault protection (411.3)  Wiring system(s) appropriate for the type and nature of the installation and external influences (section 522)  Miring system(s) appropriate for the type and nature of the installation and external influences (section 522)  Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)  LIM  Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage from nails, screws and the like (see Section D. Extent and limitations)  (53 (522.6.204)  For all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3)  * For all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3)  * For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  * For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  * For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)  N/A  * Final circuits supplying luminaires within domestic (household) premises (411.3.4)  N/A  Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)  July and the search of the searc	5.3	-	`					<b>√</b>
5.6 Coordination between conductors and overload protective devices (433.1; 533.2.1)  5.7 Adequacy of protective devices: type and rated current for fault protection (411.3)  5.8 Presence and adequacy of circuit protective conductors (411.3.1; Section 543)  5.9 Wiring system(s) appropriate for the type and nature of the installation and external influences (section 522)  5.10 Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)  5.11 Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage from nails, screws and the like (see Section D. Extent and limitations) (52.6.204)  5.12 Provision of additional requirements for protection by RCD not exceeding 30 mA  * For all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3)  * For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)  * For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  * For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  * For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)  N/A  * Final circuits supplying luminaires within domestic (household) premises (411.3.4)  N/A  5.13 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)  5.14 Band II cables segregated or separated from Band I cables (528.1)  LIM  5.15 Cables segregated or separated from Communication cabling (528.2)	5.4				or trunking (521.10.1) To	include the		N/A
5.7 Adequacy of protective devices: type and rated current for fault protection (411.3)  5.8 Presence and adequacy of circuit protective conductors (411.3.1; Section 543)  5.9 Wiring system(s) appropriate for the type and nature of the installation and external influences (section 522)  5.10 Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)  5.11 Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage from nails, screws and the like (see Section D. Extent and limitations) (522.6.202)  5.12 Provision of additional requirements for protection by RCD not exceeding 30 mA  * For all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3)  * For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)  * For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  C3  * For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)  N/A  * Final circuits supplying luminaires within domestic (household) premises (411.3.4)  N/A  5.13 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)  5.14 Band II cables segregated or separated from Band I cables (528.1)  LIM  5.15 Cables segregated or separated from communication cabling (528.2)  N/A	5.5		g capad	city with regard for t	he type and nature of in	stallation		<b>√</b>
Presence and adequacy of circuit protective conductors (411.3.1; Section 543)  5.9 Wiring system(s) appropriate for the type and nature of the installation and external influences (section 522)  5.10 Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)  5.11 Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage from nails, screws and the like (see Section D. Extent and limitations) (522.6.204)  5.12 Provision of additional requirements for protection by RCD not exceeding 30 mA  * For all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3)  * For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)  * For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  * For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)  N/A  * Final circuits supplying luminaires within domestic (household) premises (411.3.4)  N/A  5.13 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)  5.14 Band II cables segregated or separated from Band I cables (528.1)  LIM  6.15 Cables segregated or separated from communication cabling (528.2)  N/A	5.6	Coordination between conductors and	overloa	d protective device	s (433.1; 533.2.1)			<b>✓</b>
Wiring system(s) appropriate for the type and nature of the installation and external influences (section 522)  5.10 Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)  5.11 Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage from nails, screws and the like (see Section D. Extent and limitations) (522.6.204)  5.12 Provision of additional requirements for protection by RCD not exceeding 30 mA  * For all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3)  * For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)  * For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  * For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)  * Final circuits supplying luminaires within domestic (household) premises (411.3.4)  N/A  5.13 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)  July 10 Cables segregated or separated from Band I cables (528.1)  LIM  5.15 Cables segregated or separated from communication cabling (528.2)  N/A	5.7	Adequacy of protective devices: type a	nd rate	d current for fault pi	rotection (411.3)			<b>✓</b>
5.10 Concealed cables installed in prescribed zones (see Section D. Extent and limitations) (522.6.202)  5.11 Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage from nails, screws and the like (see Section D. Extent and limitations) (522.6.204)  5.12 Provision of additional requirements for protection by RCD not exceeding 30 mA  * For all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3)  * For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)  * For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  * For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)  * Final circuits supplying luminaires within domestic (household) premises (411.3.4)  N/A  5.13 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)  5.14 Band II cables segregated or separated from Band I cables (528.1)  LIM  5.15 Cables segregated or separated from communication cabling (528.2)  N/A	5.8	Presence and adequacy of circuit prote	ctive c	onductors (411.3.1;	Section 543)			<b>√</b>
Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage from nails, screws and the like (see Section D. Extent and limitations) (522.6.204)  Provision of additional requirements for protection by RCD not exceeding 30 mA  * For all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3)  * For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)  * For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  * For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)  N/A  * Final circuits supplying luminaires within domestic (household) premises (411.3.4)  N/A  5.13 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)  LIM  5.14 Band II cables segregated or separated from Band I cables (528.1)  LIM  5.15 Cables segregated or separated from communication cabling (528.2)	5.9	Wiring system(s) appropriate for the type	e and n	ature of the installati	on and external influence	es (section 522)		<b>√</b>
protected against mechanical damage from nails, screws and the like (see Section D. Extent and limitations)  5.12 Provision of additional requirements for protection by RCD not exceeding 30 mA  * For all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3)  * For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)  * For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  * For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)  N/A  * Final circuits supplying luminaires within domestic (household) premises (411.3.4)  N/A  6.13 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)  5.14 Band II cables segregated or separated from Band I cables (528.1)  LIM  6.15 Cables segregated or separated from communication cabling (528.2)	5.10	Concealed cables installed in prescribe	d zone:	s (see Section D. Ext	tent and limitations) (52	2.6.202)		LIM
* For all socket-outlets of rating 32 A or less, unless an exception is permitted (411.3.3)  * For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)  * For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  * For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)  * Final circuits supplying luminaires within domestic (household) premises (411.3.4)  N/A  5.13 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)  5.14 Band II cables segregated or separated from Band I cables (528.1)  LIM  5.15 Cables segregated or separated from communication cabling (528.2)	5.11	protected against mechanical damage from		•				C3
* For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3)  * For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  * For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)  * Final circuits supplying luminaires within domestic (household) premises (411.3.4)  N/A  5.13 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)  5.14 Band II cables segregated or separated from Band I cables (528.1)  LIM  5.15 Cables segregated or separated from communication cabling (528.2)  N/A	5.12	Provision of additional requirements for	protec	tion by RCD not exc	eeding 30 mA			
* For cables concealed in walls at a depth of less than 50 mm (522.6.202; 522.6.203)  * For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)  * Final circuits supplying luminaires within domestic (household) premises (411.3.4)  5.13 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)  5.14 Band II cables segregated or separated from Band I cables (528.1)  LIM  5.15 Cables segregated or separated from communication cabling (528.2)  N/A	*	For all socket-outlets of rating 32 A or le	ess, un	less an exception is	permitted (411.3.3)			<b>✓</b>
* For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)  * Final circuits supplying luminaires within domestic (household) premises (411.3.4)  5.13 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)  5.14 Band II cables segregated or separated from Band I cables (528.1)  5.15 Cables segregated or separated from communication cabling (528.2)  N/A	*	For the supply of mobile equipment not	ехсее	ding 32 A rating for u	use outdoors (411.3.3)			<b>√</b>
* Final circuits supplying luminaires within domestic (household) premises (411.3.4)  5.13 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)  5.14 Band II cables segregated or separated from Band I cables (528.1)  5.15 Cables segregated or separated from communication cabling (528.2)  N/A	*	For cables concealed in walls at a depth	of less	s than 50 mm (522.6	6.202; 522.6.203)			C3
5.13 Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)  5.14 Band II cables segregated or separated from Band I cables (528.1)  5.15 Cables segregated or separated from communication cabling (528.2)  N/A	*	For cables concealed in walls/partitions	conta	ining metal parts req	gardless of depth (522.6	6.203)		N/A
5.14 Band II cables segregated or separated from Band I cables (528.1)  5.15 Cables segregated or separated from communication cabling (528.2)  N/A	*	Final circuits supplying luminaires withi	n dome	estic (household) pr	emises (411.3.4)			N/A
5.15 Cables segregated or separated from communication cabling (528.2)  N/A	5.13	Provision of fire barriers, sealing arrang	ements	s and protection aga	inst thermal effects (Se	ection 527)		V
	5.14	Band II cables segregated or separated	from B	and I cables (528.1)				LIM
5.16 Cables segregated or separated from non-electrical services (528.3)	5.15	Cables segregated or separated from co	ommun	ication cabling (528	3.2)			N/A
	5.16	Cables segregated or separated from n	on-elec	ctrical services (528	3.3)			LIM

N. IN	SPECTION SCHEDULE FOR A DISTRIBUTION BOARD INSTALLATION	
Outco	mes	Limitation: Not Applicable: N/A
ITEM	DESCRIPTION	OUTCOME  (Use codes above. Provide additional comment where appropriate. C1, C2, C3 and FI coded items to be recorded in Section K of the Condition Report)
5.17	Termination of cables at enclosures – indicate extent of sampling in Section D of the report (Section 526)	
*	Connections soundly made and under no undue strain (526.6)	<b>✓</b>
*	No basic insulation of a conductor visible outside enclosure (526.8)	<b>✓</b>
*	Connections of live conductors adequately enclosed (526.5)	<b>✓</b>
*	Adequately connected at the point of entry to enclosure (glands, bushes etc) (522.8.5)	<b>✓</b>
5.18	Condition of accessories including socket-outlets, switches and joint boxes (651.2(v))	✓
5.19	Suitability of accessories for external influences (512.2)	✓
5.20	Adequacy of working space/accessibility to equipment (132.12; 513.1)	✓
5.21	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.2)	<b>√</b>
6.0	LOCATION(S) CONTAINING A BATH OR SHOWER	
6.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA (701.411.3.3)	N/A
6.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)	N/A
6.3	Shaver sockets comply with BS EN 61558-2-5 or BS 3535 (701.512.3)	N/A
6.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)	N/A
6.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3 m from zone 1 (701.512.3)	N/A
6.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	N/A
6.7	Suitability of equipment for installation in a particular zone (701.512.3)	N/A
6.8	Suitability of current-using equipment for particular position within the location (701.55)	N/A
7.0	OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS	
/ • I	List all other special installations or locations present, if any (*Record separately the results of particular inspections applied)	N/A

N/A

\*Special installations or locations present, if any. Details of circuits and/or installed equipment vulnerable to damage when testing and/or remarks

### 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

#### Notes for the person producing the report

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

CODES FOR TYPE OF WIRING							
Α	В	С	D	Е	F	G	
PVC/PVC CABLES	PVC CABLES IN METALLIC CONDUIT	PVC CABLES IN NON- METALLIC CONDUIT	PVC CABLES IN METALLIC TRUNKING	PVC CABLES IN NON- METALLIC TRUNKING	PVC/SWA CABLES	XLPE/SWA CABLES	Reference Methods are methods of installation for which the current-carrying capacity has been determined by test or calculation