

Date 16/03/2022 **Certif**

Certificate Serial No/Ref:

JMC48



J M Campbell Ltd Electrical Installation Condition Report

(Requirements for Electrical Installations – BS 7671 IET 18th Edition Wiring Regulations)

		(Requiremen	its for Electrical ins	staliations – D	37071 ILT TOUTE	aition willing r	regulations)
A. DETAIL	S OF THE CL	IENT OR PERSO	N ORDERING THE	WORK			
Name:	Mr & Mrs Bishop						
Address:	Whinhill, Dornoch,	, Sutherland, IV25 3RW	Email: joan.bishop@outlo	ok.com			
B. REASO	N FOR PROD	UCING THIS REP	ORT				
Holiday pren	nises, 5 yearly EICR	requirea.					
			Date(s) in	spection and t	esting carried out:	2	/03/2022
C. DETAIL	S OF THE INS	STALLATION WH	ICH IS THE SUBJE	CT OF THIS	REPORT		
Occupier:	Void						
Address:	Wester Whinhill	Dornoch Sutherland IV25	5 3RW				
Description of	of premises:	✓ Domestic	N/A Commercial	N/A Industria	N/A Other, p	lease specify :	None
Estimated ag	ge of the wiring s	ystem 15-20 Ye a	ars Evidence of ad	ditions or alterat	tions V Yes	N/A No N/A	Not apparent
	ecords available?	Yes V No	Date of last	Unknown	If yes,	Alterna	ative source of supply scribed in attached
(Regulation 6	521.1)		inspection	OTIKHOWH	estimated age		ule if applicable)
D. EXTENT	T AND LIMITA	TIONS OF INSPE	CTION AND TEST		nspection and testing detailed i ed out in accordance with BS 76	- The state of the	panying schedules have been
Extent of the	e electrical install	ation covered by this	report 100% o	f installation, fixed w	viring only.		
Agreed limita	ations including t	the reasons, see Regi	ulations 653.2				
Minimum of '	80% of accessories	removed & inspected Vi	sual inspection carried out	where possible			
William Gr	50 70 Of accessories	Temoved & inspected. Vi	sual inspection carried out	wriere possible.			
Limitations	agreed with	N/A			Position (if applic	cable) N/A	
Operational including the		N/A					
It should be not	ed that cables conce	ealed within trunking and	conduits, under floors, in roo	f spaces, and genera	ally within the fabric of the k	ouilding or undergrou	nd, have not been inspected
unless specifica	ally agreed between [.]	the client and inspector p	rior to the inspection. An insp	pection should be ma	ade within accessible roof s	pace housing other e	lectrical equipment.
			HE INSTALLATION				
General co	onaition of the	installation (in t	erms of electrical safety)				
The condition	of the installation a	ppears to be satisfactory	@ the time of the test.				
		Overall assessr	nent of the installation	n in terms of its	suitability for contin	ued 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

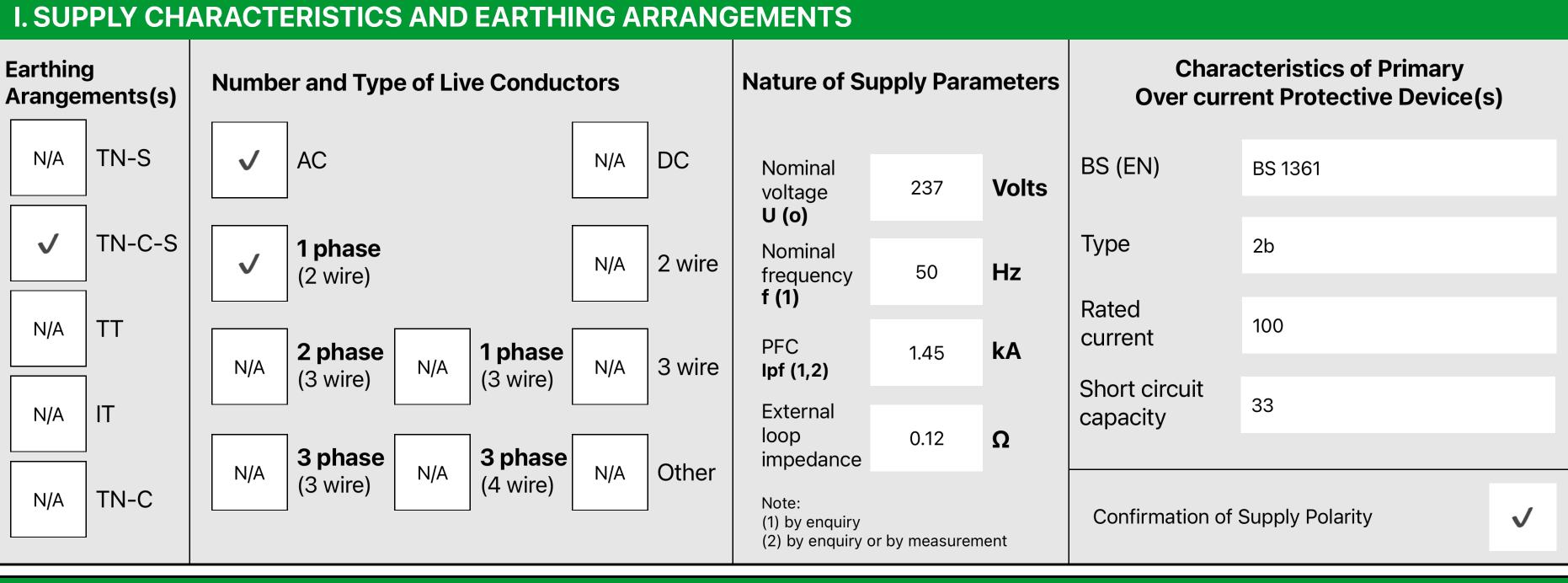
16/03/2027

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. H. War	3	Address	Unit 9 Dornoch Retail Park Dornoch Sutherland IV25 3QY	
Position	QS, PDH & Director	Date 16/03/2022	Nieros		
Contact	Tel 01862 810576		Name	Mark Ridgeway	
	Email enquiries@jmc-ltd.co.uk		Signature	A. A. Was	
	Web www.jmcampbell.co.uk		ENROLMENT NO (If applicable)	17015	Date 16/03/2022

H. SCHEDULES	The atta	ached	schedule(s) are part of this document and this repor	t is valid	only when they are attached to it
		√	Schedule(s) of inspection and	✓	Schedule(s) of test results attached



J. PARTIC	ULARS C	OF INS	TALLA	ΓΙΟΝ REFERR	ED T	O IN TH	IS RE	PORT						
Means of ea	orthina	√	Distribu	itor's facility		Туре			N/A		Re	esistance to earth	N/A	Ω
IVICALIS OF CO	N/A Installation earth electro					Location	n of the	e earth ele	ectrode e applicable)			N/A		
MAIN PRO	TECTIVE C	ONDUC	CTORS (1	to extraneous c	onduc	ctive parts	s)		MAIN SWITCH	H/SWI	TCH-FUSE	E/CIRCUIT BREAK	ER/RC	Q
Earthing Con	ductor		in protec nding cor			Main B □ Water	onding		T DO (FAI)		20047.2	Voltage rating	240	V
Conductor Material	Copper		nductor terial	Copper	\	installation pipes	N/A	Structural steel	Type BS (EN) No of poles	C	30947-3 2	Current Rating	100	A
Conductor Csa mm ²	16		nductor a mm ²	10	N/A	Gas installation pipes	N/A	Other (specify)	Supply		Copper	*Rated time delay	N/A	ms
Connection/ continuity verific	2d /		nection/ tinuity verif	ied V	N/A	Oil installation			Conductor		25	*Rated RCD Operating current	N/A	mA
Continuity verm			arialty veril			□ pipes			* If RCD main sv	witch		*RCD Operating time	N/A	ms

K. UB	SERVATIONS		
	ng to the attached schedules of inspection a ion and testing section	and test results, and subject to the limitations specified at the Extent and	d Limitations of the
N/A	No remedial action is required	★ The following observations are made	
ITEM NO		OBSERVATION	CLASSIFICATION CODE
1	Incorrect identification of conductors (514.3.1) N	o brown/red sleeving @ switches.	C3
2	3 x socket radial on 20A breaker, recommend 16	A mcb for radial always.	C3
3	Neutral blocks not sealed.		C3
4	Tv in bedroom spurred off of lighting circuit, no e	earth @ switch fuse, tv is double insulated but no earth on supply cable.	C3
5	Pull cord lights in bedroom fed from 13A sockets any high load being plugged in to them.	in cupboard above, sockets are off of lighting circuit, should be labelled to prevent	C3
N/A	Additional observations	Additional notes/observations attached or to follow ref:	N/A
	the following codes, as appropriate, has been a tion the degree of urgency for remedial action.	allocated to each of the observations made above to indicate to the person(s	s) responsible for the
C1 – Da	nger present. Risk of injury. Immediate remedi	ial action required	
C2 – Po	tentially dangerous – urgent remedial action re	equired	
	provement recommended		
FI – Fur	ther investigation required without delay		

DISTRIBUTIO	N BOARD DETA	AILS	FOR	Wester	Whinhill Do	rnoch IV	25 3RW										
DB ref:	DB1		at this ard (Ω):		Ipf at this board (kA):		Main switch type BSEN	60947-3	Rating:	100	Amps	Supply	25	mm ²	Earth:	16	mm²
Distribution board location:	Bedroom cupboar	d	Phase S Confirm (where app		N/A	Supplied from:		Mains	No. Of phases:	Single	Supply pr device typ BSEN refe	pe	BS 1361	Type 2b	Rating:	100	Amps
CIRCUIT DET	AILS								TEST RESU	JLTS							

				7		cuit uctors	4)	Pro	otectiv	e Devi	ce			(Continu	ity Ω		I	nsulati	ion Res	istance)		a	RO	CD	AFDD
Reference		wiring	method	ints serve	ım²)	m²)	ection time	(EN)	(A)	mA	oacity (kA)	d Zs (Ω*)	circ	ng fin uits o	nly	All cir (At least 1 to be con	column	sistance ge V	×	utral	arth	Earth	rity	asured Zs	on time	utton/ ility	test button/ nality
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	r 1	r n	r 2	R ₁₊ R ₂	R2	Insulation res test volta	Live - Li	Live - Net	Live - Ea	Neutral - E	Polarity	Maximum me	Disconnection (ms)	RCD test be fucntions	Manual AFDD te functiona
1	Oil heating supply	A	С	1	1.0	1.0	0.4	60898 type B	6	30	6	5.82	N/A	N/A	N/A	0.39	N/A	500	N/A	>299	>299	>299	√	0.51	130.2	V	N/A
2	Living room, mains bedroom &	A	С	9	1.0	1.0	0.4	60898 type B	6	30	6	5.82	N/A	N/A	N/A	1.23	 N/A	500	N/A			>299	✓	1.35	130.2 13 28.8 2		N/A
3	dining room side lights Kitchen side lights	A	С	28	1.0	1.0	0.4	60898 type B	6	30	6	5.82	N/A	N/A	N/A	1.25	N/A	500	N/A	>299	>299	>299	√	1.37	30.2 1	✓	N/A
4	Trunking supply 2	Α	С	8	2.5	1.5	0.4	60898 type B	20	30	6	1.75	N/A	N/A	N/A	0.46	N/A	500	N/A	>299	>299	>299	√	0.46	130.2 1	√	N/A
5	Trunking supply 1	А	С	14	2.5	1.5	0.4	60898 type B	20	30	6	1.75	N/A	N/A	N/A	0.56	N/A	500	N/A	>299	>299	>299	√	0.42	130.2	√	N/A
6	Hob	А	С	4	6	2.5	5	60898 type B	40	30	6	0.87	N/A	N/A	N/A	0.69	N/A	500	N/A	>299	>299	>299	√	0.81	130.2	✓	N/A
7	Outside & plinth sockets below mains	Α	С	5	2.5	1.5	0.4	60898 type B	16	30	6	2.18	N/A	N/A	N/A	0.03	N/A	500	N/A	>299	>299	>299	√	0.19	129.2 30.8	√	N/A
8	Smoke alarms	Α	С	3	1.0	1.0	0.4	60898 type B	6	30	6	5.82	N/A	N/A	N/A	0.62	N/A	500	N/A	>299	>299	>299	√	0.74	129.2 30.8	√	N/A
9	Water heater	А	С	1	2.5	1.5	0.4	60898 type B	16	30	6	2.18	N/A	N/A	N/A	0.13	N/A	500	N/A	>299	>299	>299	√	0.25	129.2 30.8	√	N/A
10	2 x sockets left of door in this room	Α	С	6	2.5	1.5	0.4	60898 type B	16	30	6	2.18	N/A	N/A	N/A	0.28	N/A	500	N/A	>299	>299	>299	√	0.26	129.2 30.8	✓	N/A
11	Bedroom & hall sockets	Α	С	11	2.5	1.5	0.4	60898 type B	20	30	6	1.75	N/A	N/A	N/A	0.94	N/A	500	N/A	>299	>299	>299	√	0.95	129.2 30.8	✓	N/A
12	Kitchen ring	Α	С	16	2.5	1.5	0.4	60898 type B	32	30	6	1.10	0.43	0.44	0.70	0.31	N/A	500	N/A	>299	>299	>299	√	0.26	129.2 30.8	>	N/A
13	Sockets on mains box wall	Α	С	13	2.5	1.5	0.4	60898 type B	20	30	6	1.75	N/A	N/A	N/A	0.28	N/A	500	N/A	>299	>299	>299	√	0.18	129.2 30.8	✓	N/A
14	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 Z Z	N/A	N/A

^{*} 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	RUMENTS USED	
Earth fault loop impedance	N/A	RCD	N/A
Insulation resistance	N/A	MFT	MFT
Continuity	N/A	Other	N/A
Inspected by: Signature	MANAM	Name (CAPITALS) Date of	
	41.1111/1017	inspection 28/03/20	22

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

N. IN	SPECTION SCHEDULE FOR A DISTRIBUTION BOARD INSTALLATION	
Outc	omes Acceptable Unacceptable condition C1 or C2 Improvement recommended C3 Further investigation: FI Not Verified: NV	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)
1.0	DISTRIBUTOR'S / SUPPLY INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)	
1.1	Condition of service cable	√
1.2	Condition of service head	√
1.3	Condition of distributor's earthing arrangement	√
1.4	Condition of meter tails - Distributor/Consumer	✓
1.5	Condition of metering equipment	✓
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)	N/A
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)	✓
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)	√
3.4	Adequacy of earthing conductor size (542.3, 543.1.1)	√
3.5	Accessibility and condition of earthing conductor at MET (543.3.2)	√
3.6	Adequacy of main protective bonding conductor sizes (544.1)	√
3.7	Condition and accessibility of main protective bonding conductor connections (411.3.1.2; 543.3.2; 544.1.2)	√
3.8	Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2)	N/A
4.0	CONSUMER UNIT OR DISTRIBUTION BOARD	
4.1	Adequacy of working space / accessibility to consumer unit / distribution board (132.12; 513.1)	√
4.2	Security of fixing (134.1.1)	√
4.3	Condition of enclosure(s) in terms of IP rating etc (416.2)	√
4.4	Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)	✓
4.5	Enclosure not damaged or deteriorated so as to impair safety (651.2)	√
4.6	Presence of main linked switch (as required by 462.1.201)	✓
4.7	Operation of main switch - (functional check) (643.10)	✓
4.8	Manual operation of circuit breakers and RCDs to prove disconnection (643.10)	✓
4.9	Correct identification of circuit details and protective devices (514.8.1; 514.9.1)	✓
4.10	Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)	✓
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit / distribution board (514.14)	✓
4.12	Presence of alternative supply warning notice at or near consumer unit / distribution board (514.15)	✓
4.13	Presence of other required labelling (please specify) *** (Section 514)	N/A

		al certificates for iOS Page 6 of 9

N. IN	SPECTION SCHEDULE FOR A DISTRIBUTION BOARD INSTALLATION		
Outc	mes 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. F where appropriate. C1,	TCOME Provide additional comment C2, C3 and FI coded items to n K of the Condition Report)
4.14	Compatibility of protective devices, bases and other components; correct type and rating (No signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432, 433)		√
4.15	Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)		√
4.16	Protection against mechanical damage where cables enter the consumer unit or distribution board (132.14.1; 522.8.1; 522.8.5; 522.8.11)		
4.17	Protection against electromagnetic effects where cables enter consumer unit / distribution board / enclosures (521.5.1)		✓
4.18	RCD(s) provided for fault protection – includes RCBOs (411.4.204; 411.5.2; 531.2)		N/A
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)		N/A
4.21	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)		✓
4.22	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)		N/A
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)		C3
5.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)		N/A
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)		N/A
5.5	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)		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) (522.6.204)		LIM
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)		✓
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)		N/A
5.15	Cables segregated or separated from communication cabling (528.2)		N/A
5.16	Cables segregated or separated from non-electrical services (528.3)		LIM

Outco		nacceptable andition C1 or C2	Improvement recommended C3	Further investigation: FI	Not Verified: NV	Limitation: LIM	Not Applicable: N/A			
ITEM			DESCRIPTION			(Use codes abov where appropriate.	OUTCOME e. Provide additional comment C1, C2, C3 and FI coded items t ction K of the Condition Report)			
5.17	Termination of cables at e	enclosures – indicat	e extent of sampling in	Section D of the repor	t (Section 526)					
*	Connections soundly mad	le and under no und	lue strain (526.6)				√			
*	No basic insulation of a co	nductor visible out	side enclosure (526.8)			✓				
*	Connections of live condu	ctors adequately e	nclosed (526.5)				√			
*	Adequately connected at			✓						
5.18	Condition of accessories i			✓						
5.19	Suitability of accessories			√						
5.20	Adequacy of working spa			√						
5.21	Single-pole switching or p		✓							
6.0	LOCATION(S) CONTAININ	IG A BATH OR SHO	WER							
6.1	Additional protection for a	all low voltage (LV)	circuits by RCD not exc	eeding 30 mA (701.411	.3.3)		✓			
6.2	Where used as a protective	e measure, require	ments for SELV or PELV	met (701.414.4.5)		✓				
6.3	Shaver sockets comply wi	ith BS EN 61558-2-	5 or BS 3535 (701.512.	3)		√				
6.4	Presence of supplementa	ry bonding conduc	tors, unless not require	d by BS 7671:2018 (70	1.415.2)	N/A				
6.5	Low voltage (e.g. 230 volt) socket-outlets sit	ed at least 3 m from zo	ne 1 (701.512.3)			N/A			
6.6	Suitability of equipment fo	or external influenc	es for installed location	in terms of IP rating (7	(01.512.2)		√			
6.7	Suitability of equipment fo	or installation in a p	articular zone (701.512	.3)			√			
6.8	Suitability of current-usin	g equipment for pa	rticular position within	the location (701.55)			√			
7.0	OTHER PART 7 SPECIAL II	NSTALLATIONS OR	LOCATIONS							
/ • I	List all other special instal inspections applied)	lations or locations	present, if any (*Recor	d separately the result	s of particular		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	C	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		