

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT Requirements For Electrical Installations - BS 7671 IET Wiring Regulations

Report Reference:

2351681

Client:	CONDOR PROPERTIES	
Address:	MILL HOUSE, LUGG BRIDGE MILL, HEREFORD, HR1 3NA	
Reason for	CON FOR PRODUCING THIS REPORT r producing this report: essment requested by client.	
Date(s) on w	which inspection and testing was carried out: 06/06/2022	
	ILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT	
Installation	n Address: 22 BRYN RD, SWANSEA, SA2 0AR	
Estimated ag	ge of wiring system: 7 years Evidence of additions/ No if yes, estimated age:	years
Installation re	records available? (Regulation 651.1) Yes Date of last inspection: 15/07/202	20
Extent of the	NT AND LIMITATIONS OF INSPECTION AND TESTING the electrical installation covered by this report: the installation.	
_	ations including the reasons (see Regulation 653.2):	
_	of floor boards or inspection of loft space. ON RESISTANCE TAKEN BETWEEN LINE AND CPC CONDUCTORS ONLY	
Agreed with:		
·	limitations including the reasons:	
NONE		
7671:2018 (I It should be of of the buildin	on and testing detailed in this report and accompanying schedules have been carried out in accordance with BS (IET Wiring Regulations) as amended to 2020. noted that cables concealed within trunking and conduits, under floors, in roof spaces, and generally within the fang or underground, have not been inspected unless specifically agreed between the client and inspector prior to the land inspection should be made within an accessible roof space housing other electrical equipment.	

SUMMARY OF THE CONDITION OF THE INSTALLATION

See page 3 for a summary of the general condition of the installation in terms of electrical safety.

Overall assessment of the installation in terms of it's suitability for continued use*:

SATISFACTORY

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

RECOMMENDATIONS

 $\sqrt{}$ here the overall assessment of the suitability of the installation for continued use on page 1 is stated as 'UNSATISFACTORY', I/We recommend that any observations classified as 'Code 1 - Danger Present' or 'Code 2 - Potentially dangerous' are acted upon as a matter of urgency

Investigation without delay is recommended for observations identified as 'FI - Further Investigation Required'.

Observations classified as 'Code 3 - Improvement recommended' should be given due consideration.

Subject to the necessary remedial action being taken, I/we recommend that

5 Years

the installation is further inspected and tested by:

Note: The proposed date for the next inspection should take into consideration the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended life. The period should be agreed between relevant parties.

OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations specified on page 1 of this report under 'Extent of the Installation and Limitations of Inspection and Testing':

There are no items adversely affecting electrical safety

or

N/A The following observations and recommendations are made

Item No		Observations	Classification Code
1	Inspection Schedule Item 4.4: Condition of 526.5) is recommended for improvement.	f enclosure(s) in terms of fire rating etc (421.1.201;	C3
2	Inspection Schedule Item 4.10: Presence of unit/distribution board (514.12.2) is recom	of RCD six-monthly test notice at or near consumer mended for improvement.	C3
3	Inspection Schedule Item 5.12.3: For cable (522.6.202; 522.6.203) is recommended for	es concealed in walls at a depth of less than 50mm or improvement.	C3
responsib	e following codes, as appropriate, has been allo le for the installation the degree of urgency for ger Present C2 Potentially dar of injury. Immediate Urgent remedial	ngerous C3 Improvement FI Further in	o the person(s) vestigation vithout delay
reme	edial action required required remedial action required for items:	N/A	gat dolay
	emedial action required for items:	N/A	
Improve	ment recommended for items:	1, 2, 3	
Further i	nvestigation required for items:	N/A	

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GENERAL CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety):

THE INSTALLATION IS GENERALLY IN A GOOD CONDITION WITH GOOD RECORDS OF MAINTENANCE AND TESTING

I/We, beir signatures k inspection a provides an	ARATION the person pelow), partind testing, haccurate as of this report	n(s) res culars of nereby c sessmer	f which declare nt of the	are that	descr	ibed Iform	above, ation i	havir n this	ng exerc report,	cised re includi	asonab ng the	le skill observa	and car	e when ca and the att	rrying ached	out the schedu	ıles,
Address:		•	JI (100							D	alatrat	ion Niur	mbor				
Addi ess.	Mill H	ouse Bridge I	NAHL VVA	lorc	ostor I	DΑ					egistrat f applica		nbei	N/A			
	Herefo	•	VIIII, VV	OI C	ester i	λu				Te	elephon	e Numl	oer:	01432	3672	76	
					ſ	Postc	ode:	HR1	3NA								
For the LN:	SPECTION,	TESTIN	NG ANI) A.	SSESS	MFN	T of th	ne rei	oort:								
Name:	Barrie T				tion:		lified :			Signat	ture:		₩	-	Date:	06/06	/2022
10 TEST	INSTRU	MENT	S														
Details of	Test Instrun	nents us				nd/o	r asset	num	bers):								
Multi-function	onal:		4	299	108			Ea	arth ele	ctrode r	esistan	ce:			N/A		
Insulation re	esistance:			N/	Ά			Ea	arth fau	It loop i	mpeda	nce:			N/A		
Continuity:				N/	Ά			R	CD:						N/A		
Earthing Arrangeme TN-S • TN-C-S NA	nts 1-phas (2 wire 3-phas (3 wire Other: Other:	Number e): e	r and Ty Conduct	ype (1-p (3 ' 3-p (4 ' N/	of Live whase wire): whase wire): A		'A N	N Iomina Oltage	lature c al U e(s): Nomina Prospe current Externa	of Supply: 240 al frequentive fac	y Param) V Uc ency, f: ult fault	neters b: 23 50 1.1	0 v	Supply BS(EN): Type: Rated cur Short-circ capacity:	rent:	Fuse 2 60 33	HBC) A
	TICULARS	S OF I	NSTA	\LL	ATIC	N F	EFER	RREI	ТОТ	N TH	E REF	PORT					
Means of E Distributor's	_				[stalla	tion Ear	th Elect	rode (w	here a	pplicab	,			
facility: Installation	·		Гуре: Resistar	nce			N/A		Locat					N/A			
earth electr	ode:	/	o Earth		N	/A	Ω			uremen	t:			N/A			
Maximum D	emand (Loa	d):					tive me		` '			DS					
	/ / Switch-Fu			 Pake	,		t electr	ic sno						main swit	 ch:		
Type	60947-3 Isc		Curre				100	Α	Suppl condu	-	Con	nor	Rated	residual		N.	/A mA
Number	2				ce rati	ng		Λ	mater		Cop	pei	•	ting curren		:	/A ms
of poles:	2		or set	ting	:			Α	Suppl condu	,	16 r	mm ²		time delay red operat			
			Voltag	ge ra	ating:		240	V	csa:					at l∆n):		N.	/A ms
Earthing cor Conductor material:	d Protective Inductor Coppe	r c	csa: 1			cont verif		~	Т р Т	o water ipes: o oil ins	installa	ation	conduc ✓	tive parts To gas pipes: To light protect	ning ion:		•
Conductor	Coppe			10	mm ²		nection. inuity		•	ipes: o struct	ural			To othe	r servi /N		
material:	Сорре		csa:	Ū		verif	ied:		S	teel:					IN/	/1	

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13/IN	ISPECTION SCHEDULE FOR DOMESTIC & SIMILAR PRE	MISES WITH UP TO 100A S	UPPLY
Item	Description	Comments	Outcome
1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTI	ON ONLY)	
1.1	Service cable	N/A	Pass
1.2	Service head	N/A	Pass
1.3	Earthing arrangement	N/A	Pass
1.4	Meter tails	N/A	Pass
1.5	Metering equipment	N/A	Pass
1.6	Isolator (where present)	N/A	N/A
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR OTHER SOURCES SUCH AS MI CROGENERATORS (551.6; 551.7)	N/A	N/A
3.0	EARTHING / BONDING ARRANGEMENTS (411.3; Chap 54)		
3.1	Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2)	N/A	Pass
3.2	Presence and condition of earth electrode connection where applicable (542.1.2.3)	N/A	N/A
3.3	Provision of earthing/bonding labels at all appropriate locations (514.13.1)	N/A	Pass
3.4	Confirmation of earthing conductor size (542.3; 543.1.1)	N/A	Pass
3.5	Accessibility and condition of earthing conductor at MET (543.3.2)	N/A	Pass
3.6	Confirmation of main protective bonding conductor sizes (544.1)	N/A	Pass
3.7	Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)	N/A	Pass
3.8	Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2)	N/A	Pass
4.0	CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)		
4.1	Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)	N/A	Pass
4.2	Security of fixing (134.1.1)	N/A	Pass
4.3	Condition of enclosure(s) in terms of IP rating etc (416.2)	N/A	Pass
4.4	Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)	DB 1,DB MASTER,DB 2 PLASTIC	C3
4.5	Enclosure not damaged/deteriorated so as to impair safety (651.2)	N/A	Pass
4.6	Presence of main linked switch (as required by 462.1.201)	N/A	N/A
4.7	Operation of main switch (functional check) (643.10)	N/A	Pass
4.8	Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)	N/A	Pass
4.9	Correct identification of circuit details and protective devices (514.8.1; 514.9.1)	N/A	Pass
4.10	Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)	QUATERLY LABELS REPLACED FOR 6 MONTHLY WHILE TESTING	C3
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit/distribution board (514.14)	N/A	N/A
4.12	Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)	N/A	N/A
4.13	Presence of other required labelling (please specify) (Section 514)	N/A	Pass
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)	N/A	Pass
OUTCOM Acceptal condition	ble DASS Unacceptable C1 or C2 Improvement C3 Further	verified N/V Limitation LIM appli	lot N/A icable N/A

14/IN	ISPECTION SCHEDULE FOR DOMESTIC & SIMILAR PRE	MISES WITH UP TO 100A S	UPPLY
Item	Description	Comments	Outcome
4.15	Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)	N/A	Pass
4.16	Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.5; 522.8.11)	N/A	Pass
4.17	Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1)	N/A	Pass
4.18	RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)	N/A	N/A
4.19	RCD(s) provided for additional protection/requirements - includes RCBOs (411.3.3; 415.1)	N/A	Pass
4.20	Confirmation of indication that SPD is functional (651.4)	N/A	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)	N/A	Pass
4.22	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	N/A	N/A
4.23	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A	N/A
5.0	FINAL CIRCUITS		
5.1	Identification of conductors (514.3.1)	N/A	Pass
5.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	N/A	LIM
5.3	Condition of insulation of live parts (416.1)	N/A	Pass
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A	N/A
5.4.1	To include the integrity of conduit and trunking systems (metallic and plastic)	N/A	Pass
5.5	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A	Pass
5.6	Coordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	Pass
5.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A	Pass
5.8	Presence and adequacy of circuit protective conductors (411.3.1; Section 543)	N/A	Pass
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	N/A	Pass
5.10	Concealed cables installed in prescribed zones (see Section 4. Extent and Limitations) (522.6.202)	N/A	LIM
5.11	Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (see Section 4. Extent and Limitations) (522.6.204)	N/A	LIM
5.12	Provision of additional requirements for protection by RCD not exc	ceeding 30mA:	
5.12.1	For all socket-outlets of rating 32A or less, unless an exception is permitted (411.3.3)	N/A	Pass
5.12.2	For the supply of mobile equipment not exceeding 32A rating for use outdoors (411.3.3)	N/A	Pass
5.12.3	For cables concealed in walls at a depth of less than 50mm (522.6.202; 522.6.203)	FIRE ALARM PANEL NOT PROTECTED BY RCD	C3
5.12.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)	N/A	Pass
5.12.5	Final circuits supplying luminaires within domestic (household) premises (411.3.4)	N/A	Pass
OUTCOM Acceptal condition	ble DASS Unacceptable C1 or C2 Improvement C2 Further	verified N/V Limitation LIM appli	ot N/A age: 5 of 10

15/IN	SPECTION SCHEDULE FOR DOMESTIC & SIMILAR PRE	MISES WITH UP TO 100A S	UPPLY
Item	Description	Comments	Outcome
5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	Pass
5.14	Band II cables segregated/separated from Band I cables (528.1)	N/A	LIM
5.15	Cables segregated/separated from communications cabling (528.2)	N/A	LIM
5.16	Cables segregated/separated from non-electrical services (528.3)	N/A	LIM
5.17	Termination of cables at enclosures - indicate extent of sampling i (Section 526)	n Section 4 of the report	
5.17.1	Connections soundly made and under no undue strain (526.6)	N/A	Pass
5.17.2	No basic insulation of a conductor visible outside enclosure (526.8)	N/A	Pass
5.17.3	Connections of live conductors adequately enclosed (526.5)	N/A	Pass
5.17.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) $(522.8.5)$	N/A	Pass
5.18	Condition of accessories including socket-outlets, switches and joint boxes (651.2(v))	N/A	Pass
5.19	Suitability of accessories for external influences (512.2)	N/A	Pass
5.20	Adequacy of working space/accessibility to equipment (132.12; 513.1)	N/A	Pass
5.21	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)	N/A	Pass
6.0	LOCATION(S) CONTAINING A BATH OR SHOWER		
6.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (701.411.3.3)	N/A	Pass
6.2	Where used as a protective measure, requirements for SELV or PELV met $\left(701.414.4.5\right)$	N/A	Pass
6.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	N/A	Pass
6.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)	N/A	Pass
6.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from zone 1 (701.512.3)	N/A	Pass
6.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	N/A	Pass
6.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	N/A	Pass
6.8	Suitability of current-using equipment for particular position within the location (701.55)	N/A	Pass
7.0	OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS List all other special installation or locations present, if any. (Record separate of the content of the con	rately the results of particular inspection	ons)
7.1	N/A	N/A	Pass
7.2	N/A	N/A	Pass
7.3	N/A	N/A	Pass
7.4	N/A	N/A	Pass
7.5	N/A	N/A	Pass
7.6	N/A	N/A	Pass
7.7	N/A	N/A	Pass
7.8	N/A	N/A	Pass
7.9	N/A	N/A	Pass
7.10	N/A	N/A	Pass
OUTCOM Acceptak condition	ole DAGE Unacceptable Class C3 Improvement C3 Further File	verified N/V Limitation LIM appli	ot N/A age: 6 of 10

16 <u></u>	CHEDUL	S																										
	gnation of mer unit:		D.B. M (M	IASTI	ER)					Locatio	on:			CU	PBOA	RD U	NDER	THE S	TAIR	S			ospec rrent:		ault		1.2	
							Circi conduc	uit :tors:	time S7671	Overcur	rent pr		ve	RCD	BS7671		Circuit im	pedance	es (Ohms	5)		nsulation esistance			sured	RO	CD	AFDD
Circuit number		Circuit designation	1	Type of wiring Reference Method	Number of	points served			Max disconnect time permitted by BS7671	BS(EN)	Type No	> Rating	₹ Capacity	g Operating ➤ current, l∆n	Maximum Z _S permitted by B ^s		inal circui ured end r _n (Neutral)	to end)	(one co	rcuits blumn to npleted)	Ω M	ΩM Live - Earth	< Test voltage	Polarity	Maximum measured Θ earth fault loop impedance Zs	B Disconnection time	Test button operation	Test button operation
1	Main Switch		N	N/A N						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	DB 1 & 2 IS	OLATOR		Α (С	2	16	10	0.4	60947-2	С	100	10	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
CODE	S FOR 1	A Thermoplastic	B Thermoplastic		Therm	C nopla	stic		The	D rmoplastic		The	E rmop	lastic		F		The	G	~	H	al			0 - 0	her		
	E OF inst	ulated/sheathed cables	cables in metallic conduit	no		les i	n onduit			ables in Ilic trunking	r		ables tallic	in trunkir		Thermo /SWA c			mosettin /A cables		Minera nsulated o				N/	A		

	CHEDULE OF CIRCUIT DE	S																								
	gnation of ner unit:	D.B. 1						Locatio	n:			HIG	H LEV	EL CL	JPBOAF	RD HA	ALLWA	¥Υ			ospec rrent:	tive 1	fault	ault 1		kA
					condu	cuit ıctors:	time 7671	Overcurr	ent pi		/e	RCD	BS7671	(Circuit imp	oedance	s (Ohms	5)		nsulation esistance			nred	RC	D	AFDD
Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Live mm ²	,	Max disconnect time permitted by BS7671	BS(EN)	Type No	> Rating	∑ Capacity	g Operating ➤ current, I∆n	Maximum Z _S Φ permitted by BS		inal circuit ured end t rn (Neutral)		(one co	rcuits lumn to pleted)	ΩW	M Live - Earth	< Test voltage	♣ Polarity	Maximum measured Θ earth fault loop impedance Zs	M Disconnection time	Test button operation	Test button operation
1	MAIN SWITCH	А	С	N/A	N/A	N/A	0.4	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	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/A
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	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	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	N/A
6	GROUND FLOOR SOCKETS	А	С	9	2.5	1.5	0.4	60898	В	20	6	30	2.19	N/A	N/A	N/A	0.89	N/A	LIM	> 200	500	~	1.10	13.6	~	N/A
7	SHOWER 2	А	С	1	6	2.5	0.4	60898	В	32	6	30	1.37	N/A	N/A	N/A	0.68	N/A	LIM	> 200	500	~	0.89	13.6	~	N/A
8	SHOWER 1	А	С	1	6	2.5	0.4	60898	В	32	6	30	1.37	N/A	N/A	N/A	0.65	N/A	LIM	> 200	500	~	0.86	13.6	~	N/A
9	RCD MODULE	А	С	N/A	N/A	N/A	0.4	61009	В	80	6	30	0.55	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	~	N/A	13.6	•	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	N/A	N/A
11	HOB LEFT	A	С	1	6	2.5	0.4	60898	В	32	6	30	1.37	N/A	N/A	N/A	0.58	N/A	LIM	> 200	500	~	0.79	10.3	~	N/A
12	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/A
13	1ST FLOOR SOCKETS	А	С	10	2.5	1.5	0.4	60898	В	20	6	30	2.19	N/A	N/A	N/A	1.47	N/A	LIM	> 200	500	~	1.68	10.3	~	N/A
14	TOP FLOOR SOCKETS	А	С	8	2.5	1.5	0.4	60898	В	20	6	30	2.19	N/A	N/A	N/A	1.63	N/A	LIM	> 200	500	~	1.84	10.3	•	N/A
15	RCD MODULE	A	С	N/A	N/A	N/A	0.4	61009	В	80	6	30	0.55	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	~	N/A	10.3	~	N/A
16																										
	A B			С				D			F		F					G H					0 - 0	- Other		
TYP	CODES FOR Thermoplastic Thermo										rmop ables		Thermoplastic Thermosetting					_	Minera insulated o			N/A				

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Designation of P. P. O. Prospective fault 1																										
	gnation of Derivative C	.B. 2						Locatio	n:			HIG	H LEV	EL CL	JPBOAF	RD HA	ALLW <i>A</i>	ΑY			spec rent:		fault	,	1.2	kA
COLISCI					condu	cuit ictors:	time 7671	Overcurr	ent p		ve .	RCD	BS7671		Circuit imp	oedance	s (Ohms	5)		nsulation esistance	10111		nred	RC	CD	AFDD
Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Live	cpc	Max disconnect time permitted by BS7671	BS(EN)	Type No	> Rating	₹ Capacity	g Operating ➤ current, I∆n	Maximum Z _S permitted by BS		inal circuit ured end t r _n (Neutral)	-	(one co	rcuits dumn to ppleted)	Δ Live - Live	M Live - Earth	< Test voltage	Polarity	Maximum measured Θ earth fault loop impedance 7s	Disconnection stime	Test button operation	Test button operation
1	MAIN SWITCH	А	С	N/A	N/A			60947-3	N/A		6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	> 200	500	~	N/A		N/A	N/A
2	FIRE ALARM	0	С	1	1.5	1.5	0.4	60898	В	6	6	N/A	7.28	N/A	N/A	N/A	0.15	N/A	N/A	> 200	500	~	0.36	N/A	N/A	N/A
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	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	N/A	N/A
5	GROUND FLOOR LIGHTING	А	С	8	1.5	1.0	0.4	60898	В	6	6	30	7.28	N/A	N/A	N/A	1.33	N/A	LIM	> 200	500	~	1.54	16.4	~	N/A
6	1ST AND 2ND FLOOR LIGHTING	А	С	8	1.5	1.0	0.4	60898	В	6	6	30	7.28	N/A	N/A	N/A	1.37	N/A	LIM	> 200	500	~	1.58	16.4	~	N/A
7	KITCHEN SOCKETS RIGHT	А	С	3	2.5	1.5	0.4	60898	В	20	6	30	2.19	N/A	N/A	N/A	0.74	N/A	LIM	> 200	500	~	0.95	16.4	~	N/A
8	KITCHEN SOCKETS LEFT	А	С	7	2.5	1.5	0.4	60898	В	20	6	30	2.19	N/A	N/A	N/A	0.53	N/A	LIM	> 200	500	~	0.74	16.4	~	N/A
9	RCD MODULE	А	С	N/A	N/A	N/A	0.4	61009	В	80	6	30	0.55	N/A	N/A	N/A	N/A	N/A	LIM	N/A	N/A	~	N/A	16.4	~	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	N/A	N/A
11	BOILER AND GARDEN SUPPLY	А	С	2	2.5	1.5	0.4	60898	В	20	6	30	2.19	N/A	N/A	N/A	0.93	N/A	LIM	> 200	500	~	1.14	6.8	~	N/A
12	REAR BEDROOM AND UNDER STAIRS	А	С	5	2.5	1.5	0.4	60898	В	20	6	30	2.19	N/A	N/A	N/A	0.38	N/A	LIM	> 200	500	~	0.59	6.8	~	N/A
13	STAIRS AND HALL LIGHTING	А	С	10	1.5	1.0	0.4	60898	В	6	6	30	7.28	N/A	N/A	N/A	1.32	N/A	LIM	> 200	500	~	1.53	6.8	~	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	N/A	N/A
15	RCD Module	А	D	N/A	N/A	N/A	N/A	61009	В	80	6	30	N/A	N/A	N/A	N/A	N/A	N/A	LIM	N/A	N/A	~	N/A	6.8	~	N/A
16																										
	A B S FOR Thermoplastic Thermoplast	ic		C ermopl cables				D rmoplastic				lastic		F Thermo	plastic	Therr	G H mosetting Mineral			al	O - Other					
	E OF insulated/sheathed cables in RING cables metallic cond	uit	nonm		ables in Ilic trunking	ı	c nonme	ables tallic			, ,					nsulated cables FP200										

SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Designation of Prospective fault D.B. 3 Location: CUPBOARD UNDER THE STAIRS 1.6 kΑ consumer unit: current: Circuit Circuit conductors: BS7671 Insulation Overcurrent protective RCD AFDD Circuit impedances (Ohms) RCD resistance devices Reference Method All circuits Max disconnec Ring final circuits only (one column to number Operating current, I∆n Earth Test voltage Type of wiring Number of points served (measured end to end) Circuit designation Maximum Z be completed) Type No Live срс BS(EN) Rating Circuit Live R₁+R₂ R_2 r₁ rn r_2 mm² mm² s V kΑ Ω $M\Omega$ $M\Omega$ Ω ~ mΑ (Line) (Neutral) (cpc) ms ~ N/A ~ RCD MODULE Α С | N/A | N/A | N/A | N/A 61009 В 80 6 30 N/A N/A N/A N/A N/A N/A N/A N/A N/A 6.8 N/A 2 KITCHEN HOB RIGHT Α С 6 2.5 0.4 60898 В 32 6 30 1.37 N/A N/A N/A 0.58 N/A LIM > 200 500 0.79 6.8 N/A 3 **SPARE** N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A 4 В D G O - Other CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermosettina Mineral N/A TYPE OF insulated/sheathed cables in cables in cables in cables in /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT GUIDANCE FOR RECIPIENTS

(to be appended to the Report)

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

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

 10. For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a
- 10. For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. The recommended date by which the next inspection is due is stated in Section 6 of the Report under 'Recommendations' and on a label at or near to the consumer unit/ distribution board.