ELECTRICAL INSTALLATION CONDITION

Requirements For Electrical Installations - BS 7671 IET Wiring Regulations

Report Reference:

LBBD Perevel House SAT

1 DETAI	LS OF TH	IE PERSON	I ORDERI I	NG THE	REPORT							
Client:	London Bo	rough Of Bai	rking And Da	genham	Council							
Address:	Civic Centr	e , Rainham	Road North,	Dagenha	am , RM10 7	7BN						
2 REAS	ON FOR P	RODUCIN	g this re	PORT								
	producing th	-										
Landlords s	arety report											
Date(s) on w	hich inspection	on and testing	was carried	out:	26/05/2	022						
		IE I NSTAL					r of T	THISF	REPORT			
Installation	Address:	Peverel Hous	e, 4 Stour R	bad, Dag	enham , RM	110 /JB						
Description o	f premises:	Domestic	N/A Com	mercial	🖌 Indu	strial	N/A	Other:		N/A		
Estimated ag	e of wiring s	ystem:	10 years		vidence of add	ditions/	Ye	s if ye	s, estimate	ed age:	5	years
Installation re	ecords availa	ble? (Regulati	on 651.1)	N/A	terations:		Date o	of last in	spection:			
		ΙΜΙΤΑΤΙΟ			ON AND T	ESTIN	IG					
		nstallation cov	5	eport:								
Lanuloius II	itakes, com	munal areas										
Agreed limita	tions includir	ng the reasons	s (see Regulat	ion 653.2):							
N/A		5	ι J		,							
Agreed with:		Client.										
N/A	imitations inc	cluding the rea	asons:									
		detailed in th			nying schedu	les have	been o	carried o	out in acco	rdance wit	h BS	
		egulations) as Ibles conceale			onduits, unde	er floors,	in roo	f spaces	, and gene	erally withi	n the f	abric
		ound, have no should be mad									ior to 1	he
	·	THE COND			·				<u> </u>			
		ary of the gen				erms of e	electric	al safety	/.			_
Overall asse		the installati	on in terms	of it's sui	tability for			S	ATISFAC	TORY		
* An unsatis	-	essment ind dentified.	licates that c	langerou	s (Code C1)	and/or	r poter	ntially c	langerous	s (Code C	2)	
6 RECO	MMENDA	TIONS										
		nent of the su y observations	-									
as a matter of Investigation Observations	without dela	iy is recomme 'Code 3 - Imj								ed'.		
Subject to the	e necessary	remedial actio	n being taken			-			5 Year	S		
	oposed date	for the next ir	nspection shou					-				
installation ca	an reasonabl	y be expected	to receive du	ring its in	tended life. T	he perio	od shou	lld be ag	reed betw	een releva	nt par	ties.
This form is h	ased on the i	model shown	in Appendix 6	of BS 767	71.2018						Page	1 of 36

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':

N/A There are no items adversely affecting electrical safety or

✔ The following observations and recommendations are made

Item No		Observations	Classification Code								
1	Lift motor room sockets damaged / in poor	condition. See image 001.	C3								
2	Lift motor room RCD socket LHS not worki	ng. Needs replacing.	C3								
3	D.B.4 in poor condition large hole in side o exposed. Showing signs of age reccomend	f D.B see image 002. Damaged barriers and live parts upgrading.	C2								
4	Socket in tank room damaged needs replace	cing. See image 003.	C2								
5	Tank room DB is plastic and showing signs	of age reccomend upgrading.	C3								
6	2 x Blanks missing from lift motor room DE	3.	C2								
7 Main D.B showing signs of age and is in poor condition. Missing barriers and fuse carriers live parts exposed. Reccomend upgrading.											
8 D.B.2 + D.B.3 Showing signs of age and is in poor condition barriers and fuse carriers missing live parts exposed reccomend upgrading.											
9 Trunking lid missing in main Electrical Intake see image 004.											
10 Landlords D.B.RG-2 mixed brand MCB used for fire pannels. Hager breakers in Eaton D.B. no signs of thermal damage.											
11	11 No access to file storage area.										
12	park that we now believe are obsolete as t	but some circuits, several of which are feeding the car hey are not pulling any power and we cannot find ccessories accounted for. Garage lighting is now fed	N/A								
13	Fuses in main D.B over rated for cable size	s, 6mm on 60a fuses.	C2								
14	Fuse wire used where MCB rating is LIM.		N/A								
15	5.3 Condition of insulation of live parts (41 remedial action is required.	6.1) is in a potentially dangerous condition. Urgent	C2								
16	5.5 Condition of enclosure(s) in terms of IF condition. Urgent remedial action is require	Prating etc (416.2) is in a potentially dangerous ed.	C2								
responsib C1 Dan Risk reme	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 edial action required required ate remedial action required for items:	ngerous C3 Improvement FI Further inv									
	emedial action required for items:	3, 4, 6, 7, 8, 9, 13, 15, 16									
Improve	ment recommended for items:	1, 2, 5, 10									
Further i	nvestigation required for items:	N/A									

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

7 OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN (CONTINUED)												
Item No		Observations	Classification Code									
17	5.7 Enclosure not damaged/deteriorated so dangerous condition. Urgent remedial action	o as to impair safety (651.2) is in a potentially on is required.	C2									
18	5.16 Presence of diagrams, charts or scheo is recommended for improvement.	dules at or near equipment, where required (514.9.1)	C3									
19	(no signs of unacceptable thermal damage	ases and other components; correct type and rating e, arcing or overheating) (411.3.2; 411.4; 411.5; y dangerous condition. Urgent remedial action is	C2									
20	6.5 Suitability of containment systems for 6522) is in a potentially dangerous condition	continued use (including flexible conduit) (Section n. Urgent remedial action is required.	C2									
21		g capacity with regard for the type and nature of dangerous condition. Urgent remedial action is	C2									
responsib C1 Dan Risk	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 edial action required required	ngerous C3 Improvement FI Further inv										
Immedia	ate remedial action required for items:	N/A										
Urgent r	emedial action required for items:	17, 19, 20, 21										
	ment recommended for items:	18										
Further	investigation required for items:	N/A										

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

8 GENERA													
General condition of the installation (in terms of electrical safety):													
General condition okay some equipment showing signs of age, Main D.B / D.B.2 /D.B.3 / D.B.4 need upgrading other													
DBs okay, wiring okay, earthing okay, some accessories showing signs of age and in poor condition. All C2s now rectified left on cert for future reference.													
rectified left or	n cert for	future	reference	2.									
9 DECLAR		c) rospo	nsible for	the incr	oction	and top	sting of the	oloctric	alinetalla	tion (as i	indicatod	by my/o	ur
I/We, being th signatures below													
inspection and te	esting, her	eby dec	clare that	the infor	matior	n in this	report, inc	luding t	he observ	vations a	nd the att	ached so	chedules,
provides an accu		ssment o	of the con	dition of	the el	ectrical	installation	taking	into acco	ount the s	tated ext	ent and	limitations
in section 4 of th		imited											
Trading Title:	Oakray I												
Address:	Glasgow							•	tration Nu plicable):	umber	01450)9	
	Burnt Fa	irm Rid	е										-
	Enfield							Telepł	none Num	nber:	020 8	370 450	00
				Pos	tcode:	EN2	9DY						
For the INSPECTION, TESTING AND ASSESSMENT of the report:													
Name: Reece Cheasman Position: Electrician Signature: Image: Marcology Date: 16/05/2022													
10 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS													
Earthing ¦			Type of Li						oly Param	eters ¦	Supply	Protect	ive Device
Arrangements		ac:	~	d	c:	N/A	Nominal						
TN-S 🖌	1-phase (2 wire):		1-phase	N/A 2	pole:		voltage(s):	U: 40	0 V Uo:	230 V	BS(EN):	Unide	entifiable
TN-C-S N/A	2-phase	N/A	(3 wire):		pole:		Nominal	freque	ncy, f:	50 Hz¦	Туре:		LIM
TNC N/A	(3 wire): 3-phase		3-phase				Prospec		It	10 6 4 4	Rated cu	rrent	LIM A
	(3 wire):	N/A	(4 wire):)ther:	N/A	current, Externa		iou It		Short-cire		
TT N/A	Other:			N/A		 	loop imp			(1) (1) (2)	capacity:	sun	LIM ka
IT N/A	Confirmat	ion of s	upply pola	arity:		~	Number			1			
					DEEL								
11 PARTICU Means of Earth			STALLA				D TO I N tion Earth E				-)		
Distributor's				Det	N/A	mstana	Location:	iceti out		applicable	N/A		
facility: Installation		¦ Typ	sistance				Method of	f					
earth electrode:	N/A	1	Earth:	N/A	Ω		measurer				N/A		
Maximum Dema	nd (Load):	L	IM N/A	Prote	ective r	neasure	e(s) against	electric	shock:			ADS	
Main Switch / Sv	́́-										 main swit		
Type 6004	47-3 Isolat				20	0 A	Supply				residual	CII.	N/A mA
Number	+7-5 1501a		Current rat	U			conductor material:	s C	Copper	operati	ng currer	nt (l∆n):	
of poles: 3			use/devic or setting:	e rating	N/	A A	Supply	0.5		Rated t	time delay	y:	N/A ms
		V	oltage rat	tina:	40	0 v	conductor	rs 25	5 mm ²		ed opera	ting	N/A ms
							CSA:			time (a			
Earthing and Pro Earthing conduct		haing Co	onductors	Со	nnectio	on/			tallation			installat	ion 🗸
Conductor	ntinuity	/ /	pipes			-	pipes: To light	tnina	•				
material:	Copper		: 25 n	nm ² col	rified:	Ť	To oi	N/A protection:					
Main protective h	bonding co	nductor	S	0	nnart		nines						
Main protective k Conductor	-				nnectio		pipes To st	: ructural				er service	
	bonding co Copper	nductor	50	nm ² co	nnection ntinuity rified:			ructural		N/A			

Item	Description	Comment	Outcom
1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECT	ON ONLY)	
1.1	Service cable	N/A	Pass
1.2	Service head	N/A	Pass
1.3	Earthing arrangements	N/A	Pass
1.4	Meter tails	N/A	Pass
1.5	Metering equipment	N/A	Pass
1.6	Isolator (where present)	N/A	Pass
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWI		1 435
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	N/A	N/A
2.2	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A	N/A
3.0	AUTOMATIC DISCONNECTION OF SUPPLY		
3.1	Main earthing/bonding arrangements (411.3; Chap 54):		
3.1.1	Presence of distributor's earthing arrangement (542.1.2.1; 542.1.2.2), or presence of installation earth electrode arrangement (542.1.2.3)		Pass
3.1.2	Adequacy of earthing conductor size (542.3; 543.1.1)	N/A	Pass
3.1.3	Adequacy of earthing conductor connections (542.3.2)	N/A	Pass
3.1.4	Accessibility of earthing conductor connections (543.3.2)	N/A	Pass
3.1.5	Adequacy of main protective bonding conductor sizes (544.1)	N/A	Pass
3.1.6	Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2)	N/A	Pass
3.1.7	Accessibility of all protective bonding connections (543.3.2)	N/A	Pass
3.1.8	Provision of earthing/bonding labels at all appropriate locations (514.13)	N/A	Pass
3.2	FELV - requirements satisfied (411.7; 411.7.1)	N/A	Pass
4.0	OTHER METHODS OF PROTECTION (where any of the methods lister provided on separate sheets)	ed below are employed details sho	uld be
4.1	Non-conducting location (418.1)	N/A	Pass
4.2	Earth-free local equipotential bonding (418.2)	N/A	Pass
4.3	Electrical separation (Section 413; 418.3)	N/A	N/A
4.4	Double insulation (Section 412)	N/A	Pass
4.5	Reinforced insulation (Section 412)	N/A	Pass
5.0	DISTRIBUTION EQUIPMENT		
5.1	Adequacy of working space/accessibility to equipment (132.12; 513.1)	N/A	Pass
5.2	Security of fixing (134.1.1)	N/A	Pass
5.3	Condition of insulation of live parts (416.1)	Barriers / fuse carriers missing leaving live parts exposed inside of D.Bs	C2
5.4	Adequacy/security of barriers (416.2)	Barriers / fuse carriers missing leaving live parts exposed inside of D.Bs	Pass
5.5	Condition of enclosure(s) in terms of IP rating etc (416.2)	Hole in D.B.4 see image.	C2
5.6	Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)	N/A	Pass
5.7	Enclosure not damaged/deteriorated so as to impair safety (651.2)	D.B main / D.B.2 / D.B.3 / D.B.4 All in poor condition and showing signs of age reccomend upgrading.	C2
5.8	Presence and effectiveness of obstacles (417.2)	N/A	Pass
5.9	Presence of main switch(es), linked where required (462.1; 462.1.201; 462.2)	N/A	Pass
UTCON Accepta conditi	ble Unacceptable Improvement C2 Further	N/// Limitation / LIM	ot cable

		Outcome
tion of main switch(es) (functional check) (643.10)	N/A	Pass
I operation of circuit-breakers and RCDs to prove disconnection 0)	N/A	Pass
mation that integral test button/switch causes RCD(s) to trip when ed (functional check) (643.10)	N/A	Pass
) provided for fault protection – includes RCBOs (411.4.204; 2; 531.2)	N/A	N/A
) provided for additional protection/requirements, where required – es RCBOs (411.3.3; 415.1)	N/A	Pass
nce of RCD six-monthly test notice at or near equipment, where ed (514.12.2)	N/A	Pass
nce of diagrams, charts or schedules at or near equipment, where ed (514.9.1)	Some diagrams and charts missing.	C3
nce of non-standard (mixed) cable colour warning notice at or near nent, where required (514.14)	N/A	Pass
nce of alternative supply warning notice at or near equipment, required (514.15)	N/A	Pass
nce of next inspection recommendation label (514.12.1)	N/A	Pass
nce of other required labelling (please specify) (Section 514)	N/A	Pass
atibility of protective devices, bases and other components; correct nd rating (no signs of unacceptable thermal damage, arcing or eating) (411.3.2; 411.4; 411.5; 411.6; Sections 432, 433)	Some BS 88 fuses have blown and fuse wire has been installed in fuse carriers.	C2
-pole switching or protective devices in line conductors only 4.1; 530.3.3)	N/A	Pass
tion against mechanical damage where cables enter equipment 8.1; 522.8.5; 522.8.11)	N/A	Pass
tion against electromagnetic effects where cables enter agnetic enclosures (521.5.1)	N/A	Pass
RIBUTION CIRCUITS		
ication of conductors (514.3.1)	N/A	Pass
correctly supported throughout their run (521.10.202; 522.8.5)	N/A	LIM
ion of insulation of live parts (416.1)	N/A	Pass
neathed cables protected by enclosure in conduit, ducting or ng (521.10.1)	N/A	Pass
ility of containment systems for continued use (including flexible it) (Section 522)	Trunking lid missing see observations.	C2
correctly terminated in enclosures (Section 526)	N/A	Pass
mation that ALL conductor connections, including connections to rs, are correctly located in terminals and are tight and secure)	N/A	Pass
nation of cables for signs of unacceptable thermal or mechanical ge/deterioration (421.1; 522.6)	N/A	Pass
acy of cables for current-carrying capacity with regard for the type ature of installation (Section 523)	D.B main has 6mm on 60a fuses.	C2
acy of protective devices: type and rated current for fault tion (411.3)	N/A	Pass
nce and adequacy of circuit protective conductors (411.3.1.1;	N/A	Pass
nation between conductors and overload protective devices (433.1; 1)	N/A	Pass
acy of protection (411.3) nee and adeq nation betwe	tive devices: type and rated current for fault uacy of circuit protective conductors (411.3.1.1;	tive devices: type and rated current for fault N/A uacy of circuit protective conductors (411.3.1.1; N/A

Item	Description	Comment	Outcom
6.13	Cable installation methods/practices with regard to the type and nature	N/A	Pass
6.14	of installation and external influences (Section 522)	N/A	Pass
6.14	Where exposed to direct sunlight, cable of a suitable type (522.11.1) Cables concealed under floors, above ceilings, in walls/partitions		
0.15	partitions containing metal parts:		
o.15.1	Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202) or	N/A	N/V
5.15.2	Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section 4. Extent and limitations) (522.6.204)	N/A	Pass
6.16	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	Pass
6.17	Band II cables segregated/separated from Band I cables (528.1)	N/A	Pass
6.18	Cables segregated/separated from non-electrical services (528.3)	N/A	Pass
6.19	Condition of circuit accessories (651.2)	N/A	Pass
6.20	Suitability of circuit accessories for external influences (512.2)	N/A	Pass
6.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	N/A	Pass
6.22	Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526)	N/A	Pass
6.23	Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537)	N/A	Pass
6.24	General condition of wiring systems (651.2)	N/A	Pass
6.25	Temperature rating of cable insulation (522.1.1; Table 52.1)	N/A	Pass
7.0	FINAL CIRCUITS		
7.1	Identification of conductors (514.3.1)	N/A	Pass
7.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	N/A	LIM
7.3	Condition of insulation of live parts (416.1)	N/A	Pass
7.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A	Pass
7.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	N/A	Pass
7.6	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A	Pass
7.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A	Pass
7.8	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	N/A	Pass
7.9	Co-ordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	Pass
7.10	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	N/A	Pass
7.11	Cables concealed under floors, above ceilings, in walls/partitions, (522.6.201; 522.6.202; 522.6.203; 522.6.204):	1	
7.11.1	Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202)	N/A	LIM
7.11.2	Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section 4. Extent and limitations) (522.6.201; 522.6.204)	N/A	Pass
	MES	Not	Not
Accepta conditio		verified N/V Limitation LIM	Not pplicable N

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

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

	CHEDULE OF CIRCU	IT DETAIL	S AN			RES	SUL-	ΓS			Lo	catio	ר:		Main	Elect	rical I	ntake	Gnd Fl	oor						
						Circuit	time 7671	Overcurr	rent pi device		ve	RCD	BS7671		Circuit im	pedance	s (Ohms)		sulation sistance			ured	RC	D	AFDD
Circuit number and phase	Circuit designation		Type of wiring Reference Method	Number of	points served	csa /e cpc	 Max disconnect time permitted by BS7671 	BS(EN)	Type No	⊳ Rating	😽 Capacity	g Operating ≽ current, I∆n	D Maximum Z _S permitted by BS	(meas	inal circui ured end r _n (Neutral)	r ₂	(one co	rcuits lumn to pleted) R ₂	ΩM DM	ΔM Live - Earth	< Test voltage	 Polarity 	Maximum measured D earth fault loop impedance 7s	Bisconnection	 Test button operation 	 Test button operation
1 L1	Spare																					_			-	_
2 L1	D.B.2		DI	3	1 6	ME	5	88-2	gG	60	80	N/A	N/A	N/A	N/A	N/A	0.04	N/A	> 200	> 200	500	~	0.06	N/A	N/A	N/A
3 L1	D.B.1A		DI	3 N	lo é	ME	5	88-2	gG	60	80	N/A	N/A	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	N/A	N/A	N/A
4 L1	D.B.3		DI	3	1 6	ME	5	88-2	gG	60	80	N/A	N/A	N/A	N/A	N/A	0.02	N/A	> 200	> 200	500	~	0.04	N/A	N/A	N/A
5 L1	D.B.4		DI	3	1 1	6 ME	5	88-2	gG	60	80	N/A	N/A	N/A	N/A	N/A	0.08	N/A	> 200	> 200	500	~	0.10	N/A	N/A	N/A
6 L1	Spare																									
1 L2	Spare																									
2 L2	D.B.2		DI	3	1 6	ME	5	88-2	gG	60	80	N/A	N/A	N/A	N/A	N/A	0.04	N/A	> 200	> 200	500	~	0.06	N/A	N/A	N/A
3 L2	D.B.1A		DI	3 N	lo é	ME	5	88-2	gG	60	80	N/A	N/A	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	N/A	N/A	N/A
4 L2	D.B.3		DI	3	1 6	ME	5	88-2	gG	60	80	N/A	N/A	N/A	N/A	N/A	0.02	N/A	> 200	> 200	500	~	0.04	N/A	N/A	N/A
5 L2	File storage area		DI	3 N	lo 1	6 ME	5	88-2	gG	60	80	N/A	N/A	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	N/A	N/A	N/A
TYP	A S FOR Thermoplastic E OF insulated/sheathed R NG cables	B Thermoplastic cables in metallic conduit	no	Therm cab	C Ioplasti les in Ilic con		C	D ermoplastic cables in illic trunking	1		E rmopl ables tallic	in	Inermoplastic Inermosetting Mineral						O - Other N/A							
APP Supply	18 BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION Supply to this distribution board is from: Origin No of phases: 3 Confirmation of supply polarity: ✔											~														
	urrent protective device distribution circuit:	BS(EN):		609	47-3	Isolat	or		Ra	ting:			200	Δ	lominal /oltage:	///)	0 V	Zs:		0.0	02 Ω	lp				.6 kA
RCD		BS(EN): N/A							No	of po	oles:		N/A	F	Rating:	N/A	MA		connections at In:	on N/A	A ms		isconr <u>ne at</u>	nectio 5In:	n N/	A ms
	DETAILS OF TEST INS			200	at nu	nhers																				
Details of Test Instruments used (state serial and/or asset numbers): Multi-functional: B040826 Insulation resistance:													N/A			С	ontinuity	<i>/</i> :			N/A					
Earth e	electrode resistance:	N	/A			E	arth	fault loop	imp	edan	ce:				N/A			R	CD:				N/A			
Nam	e: Reece Chease			ition:				Electricia	n				Signa	ture:		Ref:	Alhi	ĥ			Da	te:	2	6/05/2022		

S	SCHEDULE OF CIRCUIT D	ETAILS	S AN	ID TE	ST	RES	ULT	rs 🛛																		
Distr	ribution board designation:			Ma	ain [D.B					Lo	catio	n:		Main	Elect	rical I	ntake	Gnd Fl	oor						
			_		condu	cuit uctors: sa	time S7671	Overcuri	rent p device		ve	RCD	BS7671		Circuit im	pedance	es (Ohms	s)	Insulation resistance				sured	R	CD	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live	cpc	 Max disconnect time permitted by BS7671 	BS(EN)	Type No	> Rating	S Capacity			(meas	final circui sured end r _n (Neutral)	r ₂	(one co	ircuits plumn to npleted) R ₂	ΔM Uive - Live	ΔM Uve - Earth	< Test voltage	 Polarity 	Maximum measured	B Disconnection	 Test button operation 	 Test button operation
6 L2	Spare																									
1 L3	Spare																									
2 L3	D.B.2	E) E	1	6	ME	5	88-2	gG	60	80	N/A	N/A	N/A	N/A	N/A	0.04	N/A	> 200	> 200	500	~	0.06	N/A	N/A	N/A
3 L3	D.B.1A	E) Е	No	6	ME	5	88-2	gG	60	80	N/A	N/A	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	N/A	N/A	N/A
4 L3	D.B.3	C) B	1	10	ME	5	88-2	gG	LIM	80	N/A		N/A	N/A	N/A	0.02	N/A	> 200	> 200	500	~	0.04	N/A	N/A	N/A
5 L3	Spare																									
6 L3	Spare																									
											-	_												-	-	
																								+	-	
	A	В		С				D			E			F			G		Н				0 - 0	ther		
TYP	S FOR Thermoplastic Therm E OF insulated/sheathed cab	noplastic bles in ic conduit		Thermop cables metallic	in	it	С	rmoplastic ables in Ilic trunking	1		rmop ables	olastic s in	ng	Thermo /SWA (mosettin /A cables		Minera insulated o				0 - Other N/A			



SCHEDULE OF CIRCUIT DETAILS AND TEST RESUL	TS
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Distr	ibution board designation:			La	andlo	ords	D.B	8.2				Loc	catio	n:		Main	Elect	rical II	ntake	Gnd Flo	oor						
						condu	cuit ictors: sa	time 57671	Overcurr	rent pr devices		/e	RCD	BS7671		Circuit im	pedance	s (Ohms)		sulation sistance			ured	RCI	D /	AFDD
Circuit number and phase	Circuit designatio	n	Type of wiring	Reference Method	Number of points served	Live	cpc	 Max disconnect time permitted by BS7671 	BS(EN)	Type No	> Rating	중 Capacity	∃ Operating ∀ current, I∆n	Maximum Z _S permitted by BS		inal circui ured end r _n (Neutral)	r ₂	All cir (one col be com R ₁ +R ₂	lumn to	Live - Live	Δ Δ K Live - Earth	< Test voltage	 Polarity 	Maximum measured b earth fault loop impedance Zs	a Disconnection time	 Test button operation 	 Test button operation
1 L1	North + west garage / groun external elevations / north +		D	В	No Trace	2.5	ME	0.4	88-2	gG	10	80	N/A	4.65	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	N/A	N/A	N/A
2 L1	West garage 1st floor / roof a	area	D	В	No	2.5	ME	0.4	88-2	gG	10	80	N/A	4.65	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	N/A	N/A	N/A
3 L1	Spare																										
4 L1	Spare																										
5 L1	Spare																										
6 L1	Spare																										
1 L2	Spare																										
2 L2	Spare																										
3 L2	Spare																										
4 L2	Spare																										
	A	В			С				D			E						G		н				0 - Ot	bor		
TYP	S FOR Thermoplastic E OF insulated/sheathed RING cables	Thermoplastic cables in metallic conduit		(ermopli cables etallic	in	t	Cá	rmoplastic ables in Ilic trunking	r		rmopl ables	in		Thermo /SWA c	•		nosettiną A cables	-	Mineral nsulated ca				N/2			
E	BOARD CHARACTER	ISTICS																									
	LIES WHEN THE BOARD		NEC	TED		HE C ain D		IN C	OF THE IN					3					Caref	irmatior							/
	y to this distribution board urrent protective device	BS(EN):	Q	2 2 5	use			no a	G		of ph	IdSe	5.	60	~	Iominal	///)	0 V		IIIIatioi		οριγ μ 06 Ω		-		-	9 kA
for the	e distribution circuit:		00)-Z I		N/A	- i y	pe y	0		ing:			N/A	V	oltage:	N/A		Zs: Disco	onnectio		A ms	.1-	t: Isconn	ectior		a ms
RCD		BS(EN):								NO	of po	nes:		N/A	K	Rating:				at In:	11/7	1 1115		ne at			4 ms
	DETAILS OF TEST IN hils of Test Instruments use			/or a	sset i	numt	pers):	:																			
Multi-f	unctional:	BO	4082	:6			Ir	nsula	tion resist	tance	э:					N/A			Co	ntinuity	:			N/A			
Earth	electrode resistance:		N/A				E	arth	fault loop	imp	edan	ce:				N/A			RC	D:				N/A			
T Nam	ESTED BY Reece Chea	sman	Ρ	ositio	on:			E	Electricia	n				Signat	ture:			Alha	·			Da	te:	20	6/05/2	2022	,

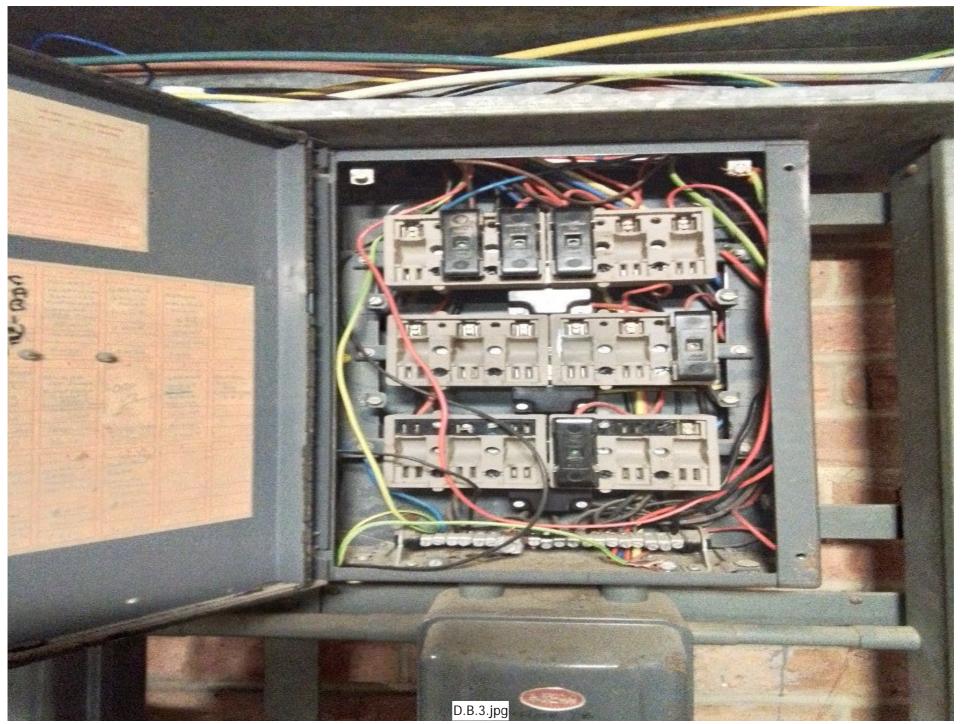
SCHEDULE C	OF CIRCUIT	DETAILS AND	TEST RESULTS
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Distr	ribution board designation:		La	andl	ords	SD.E	3.2				Lo	catio	n:		Main	Elect	trical I	ntake	Gnd Fl	oor						
					condu	cuit uctors: sa	t time S7671	Overcurr	ent p levice		ve	RCD	BS7671		Circuit im	pedance				nsulation esistance			sured	RC	D	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live		Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, I∆n	Maximum Z _S permitted by	(meas	final circui sured end rn	r ₂	(one co	rcuits plumn to ppleted) R ₂	Live - Live	Live - Earth	Test voltage	Polarity	Maximum measured earth fault loop impedance Zs	Disconnection time	Test button operation	Test button operation
5 L2	Spare				mm²	mm ²	S			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	~	Ω	ms	~	~
6 L2	Spare																									
1 L3	Garage ramp / grd - 1st flor signs	D	В	No	2.5	ME	0.4	88-2	gG	10	80	N/A	4.65	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	N/A	N/A	N/A
2 L3	North + north east garage / first floor	D	В	No	2.5	ME	0.4	88-2	gG	10	80	N/A	4.65	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	N/A	N/A	N/A
3 L3	Spare																									
4 L3	Spare																									
5 L3	Circuit not in use	D	В	No	2.5	ME	0.4	88-2	gG	N/A	80	N/A	LIM	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	N/A	N/A	N/A
																			<u> </u>							
L	<u> </u>																			I						
	A B S FOR Thermoplastic Thermoplas	tic	Th	C ermopl	lastic		The	D		Tho	E	lastic		F			G		Н				0 - 0	ther		
TYP	E OF insulated/sheathed cables in RING cables metallic con-			cables netallic	in	it	С	ables in llic trunking			ables	in		Thermo /SWA c			mosettin VA cables		Minera nsulated o				N/	A		



	ribution board designation						D.B					Lo	catio	n:		Main	Elect	rical I	ntake	Gnd F	loor						
						condu	cuit ictors: sa	time S7671	Overcurr	rent pr devices		ve	RCD	BS7671		Circuit im	pedance				nsulation esistance			sured	RC	D	AFDD
Circuit number and phase	Circuit designati	on	Type of wiring	Reference Method	Number of points served	Live		Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, I∆n	Maximum Z _S permitted by	(meas	inal circui ured end ^r n	r ₂	(one co	rcuits Jumn to pleted) R ₂	Live - Live	Live - Earth	Test voltage	Polarity	Maximum measured earth fault loop impedance Zs			Test button operation
1 L1	Spare		-	Ľ.	20	mm ²	mm ²	S			A	kA	mA	Ω	(Line)	(Neutral)	(cpc)			MΩ	MΩ	V	~	Ω	ms	~	~
2 L1	CCTV Cabenit		D	В	No	2.5	2.5	0.04	88-2	gG	LIM	80	N/A	N/A	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	N/A	N/A	N/A
3 L1	Riser sockets		D	В	9	2.5	ME	0.04	88-2	gG	16	80	N/A	N/A	N/A	N/A	N/A	0.48	N/A	> 200	> 200	500	~	0.52	N/A	N/A	N/A
4 L1	Garage grd floor signs		D	В	No	2.5	ME	0.04	88-2	gG	16	80	N/A	N/A	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	N/A	N/A	N/A
5 L1	Spare																										
6 L1	Spare																										
1 L2	Spare																										
2 L2	Spare																										
3 L2	Spare																										
4 L2	Spare																										
5 L2	Spare																										
	А	В			С				D			E			F			G		Н				0 - 01	ther		
TYP	S FOR Thermoplastic E OF insulated/sheathed RING cables	Thermoplastic cables in metallic conduit	t		ermopl cables etallic		t	Ca	rmoplastic ables in Ilic trunking	r		rmop ables tallic	in		Thermo /SWA c			mosettin /A cables	•	Miner insulated				N/	A		
APP	BOARD CHARACTEF	D I S NOT CON	INEC	TED		THE C ain D		IN C	DF THE II		ALLA of pl			3					Con	firmatio	n of su	a ylac	oolarii	ty:			~
Overci	urrent protective device	BS(EN):	88	8-2 F	use	HRC	- Ty	pe q	G	Rat	ting:			60	Δ.	lominal	///)	0 V	Zs:			04 Ω		-			.9 k
for th∈ RCD	e distribution circuit:	BS(EN):				N/A	J	1 3			ofpo	oles:		N/A	V	/oltage: Rating:		A mA	Disc	connecti		A ms	Di	isconn	ectior		
	DETAILS OF TEST I hils of Test Instruments us			/or a	sset	numl	pers):	:											<u>time</u>	<u>e at In:</u>			<u>tir</u>	<u>me at</u>	<u>5In:</u>		
Multi-f	functional:	BO	4082	26			Ir	nsula	tion resis	tance	e:					N/A			С	ontinuit	y:			N/A			
Earth	electrode resistance:		N/A				E	arth	fault loop	imp	edan	ce:				N/A			R	CD:				N/A			
Т	ESTED BY																										
Nam	ne: Reece Chea	asman	Ρ	Positio	on:			E	Electricia	n				Signa	ture:			Alk	n an			Da	ate:	2	6/05/	202	2
his fo	rm is based on the model	shown in Appe	ndix	6 of	BS 7	671:2	2018.									-	Ref:				_				Page	: 16	of 3

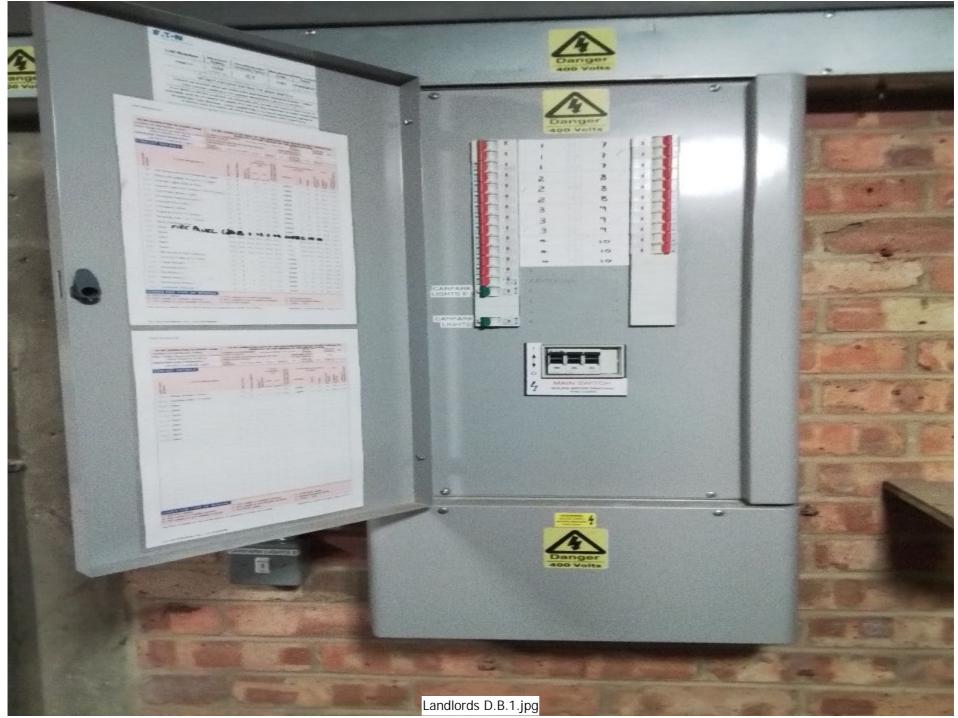
S	CHEDULE OF CIRCUIT DET	AI LS	ANE) TE	ST I	RES	ULT	S																		
Distr	ibution board designation:		La	andle	ords	D.B	8.3				Lo	catio	n:		Main	Elect	rical I	ntake	Gnd Fl	oor						
					Cir condu	cuit uctors:	time S7671	Overcurr	ent p levice		ve	RCD	\$7671		Circuit im	pedance	es (Ohms	5)		nsulation esistance			ured	R	CD	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live	cuit sa cpc mm ²	 Max disconnect permitted by BS 	BS(EN)	Type No	> Rating	😽 Capacity	∃ Operating > current, I∆n	Β Maximum Z _S permitted by BS7671	Ring f (meas ^r 1 (Line)	final circui sured end r _n (Neutral)	r ₂	(one co	rcuits plumn to pleted) R ₂	ΔW Urive - Live	ΔM Live - Earth	< Test voltage	 Polarity 	Maximum measured δ earth fault loop impedance Zs	B Disconnection	 Test button operation 	 Test button operation
6 L2	Contactor for D.B.2	D	В	1	2.5			88-2	gG	10		N/A		N/A	N/A	N/A	0.09	N/A	> 200	> 200	500	V	0.13			N/A
1 L3	Spare																									
2 L3	Spare																									
3 L3	Spare																									
4 L3	Unidentified circuit	D	В	No	2.5	ME	0.04	88-2	gG	10	80	N/A	N/A	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	N/A	N/A	N/A
5 L3	Spare																									
6 L3	Spare																									
																										-
																										-
													I				1	I		1				I	1	
TYP	A B S FOR Thermoplastic Thermoplas E OF insulated/sheathed cables in R NG cables metallic conc			C ermopl cables netallic	in	t	Ca	D moplastic ables in lic trunking			ables			F Thermo /SWA c	plastic		G mosettin /A cables		H Minera Insulated o				0 - 0 N/			



Dist	ribution board designation:		Lai	ndlor	ds D	.B.F	RG-1				Lo	catio	n:		Main	Elect	rical I	ntake	e Gnd Fl	oor						
						cuit ictors: sa	I by BS7671	Overcuri	rent pi device:		ve	RCD	BS7671		Circuit im	pedance		-		nsulation esistance			measured loop		CD	AFDI
Circuit number and phase	Circuit designation	wirting	rype or wiring Reference Method	Number of points served	Live	срс	Max disco permittec	BS(EN)	Type No	Rating	Capacity	Operating current, I∆n	Maximum Z _S permitted by B		final circui sured end		(one co	rcuits plumn to ppleted) R ₂	0	Live - Earth	Test voltage	Polarity	Maximum meas earth fault loop impedance Zs	Disconnection	Test button operation	Test button
0 ro 1 TP	Sub main landlords D.B.2		- <u>~</u> D B	z ă 1	mm ² 35	^{mm²}	s 5	60898	С	A 63	ка 10	mA N/A	Ω 0.35	(Line)	(Neutral)) (cpc) N/A	0.04	N/A	MΩ > 200	MΩ > 200	V 500	~ ~	Ω 0.08	ms N/A	✓ N/A	 ✓ N/A
2 L1	Photo cell grd - 7		D B	No	1.5	1.5	0.4	60898	C	10		N/A		N/A	N/A	N/A	LIM	N/A	LIM	LIM		LIM	LIM	N/A	N/A	
2 L2	Outside lights rear & side	[D B	5	1.5	1.5	0.4	60898	С	10	10	N/A		N/A	N/A	N/A	1.41	N/A	> 200	> 200	500	~	1.44	N/A	N/A	N/A
2 L3	Outside lights main entrance wall	l + canopy [D B	7	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	1.26	N/A	> 200	> 200	500	~	1.29	N/A	N/A	N/A
3 L1	Grd intake room lights	[D B	4	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	0.44	N/A	> 200	> 200	500	~	0.47	N/A	N/A	N/A
3 L2	North stair lights grd - 7	[D B	8	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	1.20	N/A	> 200	> 200	500	~	1.23	N/A	N/A	N/A
3 L3	East lights 1 - 7 24hr	[D B	7	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	1.22	N/A	> 200	> 200	500	~	1.25	N/A	N/A	N/A
4 L1	Caretakers office lights	[D B	6	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	1.19	N/A	> 200	> 200	500	~	1.22	N/A	N/A	N/A
4 L2	East lights grd - 7	[D B	8	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	1.46	N/A	> 200	> 200	500	~	1.49	N/A	N/A	N/A
4 L3	West lights 1 - 7 timed	[D B	7	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	1.34	N/A	> 200	> 200	500	~	1.37	N/A	N/A	N/A
5 L1	Main entrance lighting	[D B	4	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	0.54	N/A	> 200	> 200	500	~	0.57	N/A	N/A	N/A
TYP	PE OF insulated/sheathed	B hermoplastic cables in letallic conduit		C nermop cables netallic	in	t	Ca	D moplastic ables in lic trunking	r		ables		ng	F Thermo /SWA (•		G mosettin /A cables	•	H Minera insulated o				0 - 0 N/			
APP	BOARD CHARACTERIS		ECTED				IN O	FTHEI					2						_	_						
	y to this distribution board is fr urrent protective device		00.0		ain D			<u> </u>		of pł	nase	es:	3	1	Vominal	40			nfirmatio				-			
	e distribution circuit:	. ,	88-2	Fuse		- Ty	pe g	G		ting:			60		/oltage:		0 V	Zs: Disc	connecti		03 Ω	lp Di	f: sconr	nectio		.5 k.
RCD		S(EN):			N/A			_	No	of po	oles		N/A	. F	Rating:	N/ <i>F</i>	A mA		e at In:	IN/	A ms		ne at		·· N/	/A m
	DETAILS OF TEST INST ails of Test Instruments used (asset	numt	pers)	:																			
	functional:	B040				-		tion resis	tance	e:					N/A			С	ontinuity	y:			N/A			
Earth	electrode resistance:	N/	/A			E	arth 1	ault loop	imp	edan	ce:				N/A			R	CD:				N/A			
Т	TESTED BY																									
Nam	ne: Reece Cheasma	an	Posit	ion:			E	lectricia	n				Signa	ture:			Alk	a-			Da	te:	2	6/05/	/202	2
his fo	rm is based on the model show	wn in Append	dix 6 of	BS 7	671:2	2018.										Ref:								Page	e: 19	of 3

5 L3 Car 6 L1 Spa 6 L2 Spa 6 L3 Car		D D		9 Number of points served	condu c	2 1.5	Max disconnect ti permitted by BS7	Overcurr BS(EN) 60898	Type No		A Capacity a	Operating a current, I∆n D	Maximum Z _S permitted by BS7671	Ring fi	Circuit imp nal circuit ured end t	ts only	All ci (one co	;) rcuits ilumn to ipleted)		Lesistance	voltage	ty	Maximum measured earth fault loop impedance Zs	Disconnection	Test button C	Test button A operation ID
5 L2 Fire 5 L3 Car 6 L1 Spa 6 L2 Spa 6 L3 Car	re alarm r park lights are are r park lights		В	1	Live mm ² 1.5	срс mm ² 1.5	s					Operating current, l∆n	^Z s	(measu	ured end t		(one co	lumn to	Live	Earth	oltage	łty	mum meas n fault loop dance Zs	onnection	t button ration	utton
5 L2 Fire 5 L3 Car 6 L1 Spa 6 L2 Spa 6 L3 Car	r park lights are are r park lights	D	В	1	1.5	1.5	s	60898				C D	Ma	Ľ1					Ű	e l	st ,	ari	i x t a	l l l l l l l l l l l l l l l l l l l		st bi
5 L3 Car 6 L1 Spa 6 L2 Spa 6 L3 Car	r park lights are are r park lights	D			1.5	1.5	1 1	60898	0			mA	Ω	(Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R ₂	R ₂	Γive	Γ. MΩ	< Test	 Polarity 	Ω Ω	ms	▲ Test open intervalues open interva	∠ Tes
6 L1 Spa 6 L2 Spa 6 L3 Car	are are r park lights		В	6	2.5	2.5			С	10	10	N/A	2.19	N/A	N/A	N/A	0.19	N/A	> 200	> 200	500	•	0.22	N/A	N/A	N//
6 L2 Spa 6 L3 Car	are r park lights	D					0.4	61009	С	6	10	30	3.64	N/A	N/A	N/A	0.86	N/A	> 200	> 200	500	~	0.89	8	~	N/A
6 L3 Car	r park lights	D																								
	· · ·	D																								
7 L1 Bin	n room + side entrance		В	6	2.5	2.5	0.4	61009	С	6	10	30	3.64	N/A	N/A	N/A	1.02	N/A	> 200	> 200	500	~	1.05	10	~	N/A
		D	В	3	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	0.84	N/A	> 200	> 200	500	~	0.87	N/A	N/A	N//
7 L2 Grd	d lift lobby + 1 - 7 west	D	В	10	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	1.41	N/A	> 200	> 200	500	•	1.44	N/A	N/A	N/A
7 L3 Chu	ute rooms 1 - 7	D	В	7	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	1.57	N/A	> 200	> 200	500	•	1.60	N/A	N/A	N/A
3 L1 We	estside flats 1 - 7	D	В	7	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	1.36	N/A	> 200	> 200	500	~	1.39	N/A	N/A	N/A
3 L2 Dry	y riser 1 - 7	D	В	7	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	1.70	N/A	> 200	> 200	500	~	1.73	N/A	N/A	N/A
3 L3 Met	eter rooms 1 - 7	D	В	8	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	1.65	N/A	> 200	> 200	500	~	1.68	N/A	N/A	N//
9 L1 Inc	cinerator rooms 1 - 7	D	В	7	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	1.68	N/A	> 200	> 200	500	r	1.71	N/A	N/A	N/A
9 L2 Sou	uthside stairs 1 - 7	D	В	7	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	1.14	N/A	> 200	> 200	500	~	1.17	N/A	N/A	N/A
9 L3 Mai	ain entrance centre	D	В	1	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	0.15	N/A	> 200	> 200	500	~	0.18	N/A	N/A	N/A
0 L1 Eas	stside flsts 1 - 7 timed	D	В	8	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	1.32	N/A	> 200	> 200	500	~	1.35	N/A	N/A	N/A
0 L2 Spa	are																									
0 L3 Spa	are																									
1 L1 Spa	are																									
1 L2 Spa	are																									
1 L3 Spa	are																									
2 L1 Spa	are																									
I				1	1					1	1						1						1	1		
CODES FO TYPE OF WIRING	F insulated/sheathed	B ermoplastic cables in tallic conduit		C nermopl cables netallic	in	it	Ca	D moplastic ables in lic trunking			E rmopl ables	in		F Thermop /SWA ca			G mosettin 'A cables		H Minera insulated c				o - o' N/			

S	CHEDULE OF CIRCU	IT DETAILS	AND TI	EST RE	SULT	ſS																
Distr	ibution board designation:		Landlo	rds D.B.	RG-1	l			Loc	ation:			Main Elec	trical	Intake	Gnd Fl	oor					
			7	Circuit conductor csa	t time S7671	Overcurre	ent pro		/e	RCD	BS7671	(Circuit impedanc				nsulation esistance			sured	R	D AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method Number of points served		Max disconnect time permitted by BS7671	BS(EN)	No	БL	acity	Operating current, I∆n Maximum 7 ₅	permitted by B	Ring fi (measi	inal circuits only ured end to end)	(one co	ircuits plumn to npleted)	- Live	Live - Earth	Test voltage	rity	Maximum measured earth fault loop impedance Zs	onnection	Test button operation Test button operation
Circui and p		Type o	Refere Numbe	mm ² mm			Type No	> Rating	🛪 Capacity		Ω	r ₁ (Line)	r _n r ₂ (Neutral) (cpc)	R ₁ +R ₂	R ₂	Γ Γ ΜΩ	Γ Γ ΜΩ	< Test	 Polarity 	Δ Maxi impe	time time	 Test oper Test oper
12 L2	Spare																					
12 L3	Spare																					
					_																	
	A	В	С			D			E			F		G		Н				0 - 0	ther	
TYP	S FOR Thermoplastic E OF insulated/sheathed	Thermoplastic cables in metallic conduit	Thermo cable nonmetalli	olastic s in	C	rmoplastic ables in Ilic trunking	n	Ca	rmopla ables i tallic t			Thermor /SWA c		rmosettir VA cable		Minera insulated o				N/		
This for	rm is based on the model sh	own in Appendi	x 6 of BS	7671:201	3.								Ref:			_					Page	e: 21 of 3



	ibution board designation:				dlor							Lo	catio	n:		Mair	n Elec	trical	Intak	e 8th flo	oor						
				-		condu	cuit uctors: sa	time S7671	Overcu	rrent pr devices		ve	RCD	BS7671	(Circuit im	pedance	es (Ohms)		nsulation esistance			measured t loop	RC	D	AFDE
Circuit number and phase	Circuit designation		Type of wiring	Reference Method	Number of points served	Live	срс	Max disconnect time permitted by BS7671	BS(EN)	Type No	Rating	Capacity	Operating current, I∆n	Maximum Z _S permitted by B:		inal circui ured end ^r n		(one co	rcuits lumn to pleted) R ₂	Live - Live	Live - Earth	Test voltage	Polarity	Maximum meas earth fault loop impedance 7s	Disconnection	Test button operation	Test button operation
ບ ເຫ 1	Chute room 8-16		⊢ D	œ B	zā. 9	mm ² 1.5	mm ²	s 0.4	60898	С	A 10	кА 10	mA N/A	Ω 2.19	(Line) N/A	(Neutral) N/A	(cpc)	0.77	N/A	MΩ > 200	MΩ > 200	V 500	~ ~	Ω 0.85	ms N/A	✓ N/A	N/A
2	Meter room 8-16		D	В	9	1.5		0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A		N/A	> 200	> 200	500	~	0.91	N/A	N/A	N/A
3	Incinerator rooms 8-16		D	В	9	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	0.83	N/A	> 200	> 200	500	~	0.89	N/A	N/A	N/A
4	Photocell		D	В	No	1.5	1.5	0.4	60898	C	10	10	N/A	2.19	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	N/A	N/A	N/A
5	8-16 eastside flats LHS lights		D	В	9	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	1.31	N/A	> 200	> 200	500	~	1.39	N/A	N/A	N/A
6	8-16 eastside flats RHS lights		D	В	9	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	1.39	N/A	> 200	> 200	500	~	1.47	N/A	N/A	N/A
7	8-16 eastside landing		D	В	9	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	1.21	N/A	> 200	> 200	500	~	1.29	N/A	N/A	N/A
8	8-16 westside flats LHS		D	В	9	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	1.43	N/A	> 200	> 200	500	~	1.51	N/A	N/A	N/A
9	8-16 westside flats RHS		D	В	9	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	1.45	N/A	> 200	> 200	500	~	1.53	N/A	N/A	N/A
10	8-16 westside landing		D	В	9	1.5	1.5	0.4	60898	С	10	10	N/A	2.19	N/A	N/A	N/A	1.17	N/A	> 200	> 200	500	~	1.25	N/A	N/A	N/A
11	8-16 south stairs		D	В	9	1.5	1.5	0.4	60898	C	10	10	N/A	2.19	N/A	N/A	N/A	1.14	N/A	> 200	> 200	500	~	1.22	N/A	N/A	N/A
	Α	В			С				D			F			F			G		H				0 - 0	ther		
TYP	S FOR Thermoplastic 1 E OF insulated/sheathed	hermoplastic cables in etallic conduit			ermopli cables ietallic	in	it	C	rmoplastic ables in Illic trunking	g r		rmop ables tallic	in		Thermor /SWA c			mosettin A cables	°	Minera insulated o				N/			
APP	BOARD CHARACTERIS LIES WHEN THE BOARD IS to this distribution board is fi	NOT CON	NEC		TO T ndlore				DF THE I		ALLA of pł			3					Con	firmatio	n of sup	oply p	olarit	t y :			~
	urrent protective device distribution circuit:	S(EN):		608	98 N	ICB ·	- Тур	be C		Rat	ting:			63		lominal 'oltage:		0 V	Zs:		0.0	Ω 80	lp	f:		3.	.2 k
RCD		S(EN):				N/A				No	of po	oles:		N/A		ating:		MMA		connectio	on N/	A ms		sconr ne at	nectio	n N/	/A m
	DETAILS OF TEST INS ils of Test Instruments used (/or a	sset	numl	oers)	:												<u>e at In:</u>			<u> </u>		<u>JIII.</u>		
	unctional:		4082				-		ition resis	stance	e:					N/A			С	ontinuity	/:			N/A			
Earth @	electrode resistance:		N/A				E	arth	fault loop	p imp	edan	ce:				N/A			R	CD:				N/A			
Т	ESTED BY																										
Nam		an	Р	ositi	on:			I	Electricia	an				Signa	ture:			Alk	'n			Da	te:	2	6/05/	/202	2
his for	m is based on the model show	vn in Appe	ndix	6 of	BS 76	571:	2018										Ref:				_				Page	e: 23	of 3

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

S	CHEDULE OF CIRCUIT DETAI	LS .	ANE) TE	ST F	RES	ULT	ſS												
Distr	ibution board designation:		Lan	dlor	ds D	B.R	2G-2	2			Loc	atior	ר:		Main	Elec	trical I	Intake	e 8th flo	or
			-		condu	cuit ictors: sa	ct time BS7671	Overcurr	ent pi levice:		/e	RCD	S7671	C	Circuit imp	bedance				nsula esista
number ase	Circuit designation	wiring	e Methoc	er of served			Max disconnect permitted by B		0		2	ing t, I∆n	um Z _S ted by BS		nal circuit ired end t		All cir (one col be com	lumn to	Live	:
Circuit num and phase		Type of w	Reference Method	Number o points ser	Live	cpc	w Max dis permiti	BS(EN)	Type No	> Rating	🛛 Capacity	∃ Operating ► current, I∆n	 Maximum permitted 	r ₁	r _n (Neutral)	r ₂ (cpc)	R ₁ +R ₂	R ₂	ΩM DM	
12	8-16 northside stairs	D	В	9	1.5	1.5	0.4	60898	С	10		N/A	2.19	N/A	N/A	N/A	1.19	N/A	> 200	>
13	1-7 fire alarm pannels	0	В	7	1.5	1.5	0.4	60898	С	16	10	N/A	1.37	N/A	N/A	N/A	0.30	N/A	> 200	>
14	8-16 fire alarm pannels	0	В	9	1.5	1.5	0.4	60898	С	16	10	N/A	1.37	N/A	N/A	N/A	0.34	N/A	> 200	>

					Cire condu	cuit ictors:	time 37671	Overcurr d	ent pr levices		/e	RCD	BS7671	0	Circuit im	pedance	es (Ohms	5)		nsulation esistance			ured	RC	CD	AFDD
number ise	Circuit designation	viring	Reference Method	of rved	Circ condu cs Live	d	sconnect ted by BS		0		ty	ing t, I∆n	Maximum Z _S permitted by BS		inal circui ured end		(one co	rcuits Iumn to pleted)	- Live	Earth	oltage	~	Maximum measured earth fault loop impedance Zs	Disconnection time	utton ion	utton ion
Circuit number and phase		Type of wiring	Referenc	Number of points served	Live mm ²	cpc	 Max di permit 	BS(EN)	Type No	> Rating	🖉 Capacity	 ⇒ Operating ⇒ current, I∆n 	δ Maxim permit	r ₁ (Line)	r _n (Neutral)	r ₂ (cpc)	R ₁ +R ₂	R ₂	- Γive	ΩM Uve - Earth	< Test voltage	 Polarity 		s Discon time	 Test button operation 	 Test button operation
12	8-16 northside stairs	D	В	9	1.5	1.5		60898	С	10		N/A	2.19	N/A	N/A	N/A	1.19	N/A	> 200	> 200	500	~	1.27			
13	1-7 fire alarm pannels	0	В	7	1.5	1.5	0.4	60898	С	16	10	N/A	1.37	N/A	N/A	N/A	0.30	N/A	> 200	> 200	500	~	0.38	N/A	N/A	N/A
14	8-16 fire alarm pannels	0	В	9	1.5	1.5	0.4	60898	С	16	10	N/A	1.37	N/A	N/A	N/A	0.34	N/A	> 200	> 200	500	~	0.42	N/A	N/A	N/A
CODE	A B S FOR Thermoplastic Thermoplastic		Th	C ermop	lastic		The	D rmoplastic		Ther	E rmopl	astic		F	alaatia	The-	G	~	H				0 - 0			
TYF	PE OF insulated/sheathed cables in RING cables metallic condu			cables		t	C	ables in Ilic trunking	r		ables	in		Thermop /SWA c			mosettin /A cables		Minera insulated o				N/	A		
This fo	rm is based on the model shown in Appe	endix	6 of	BS 7	671:2	2018										Ref:			_					Page	e: 24	of 36



SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS Lift Motor Room Distribution board designation: Landlords D.B.4 Location: Circuit Circuit conductors: csa ti csa ti csa BS7671 Insulation Overcurrent protective RCD Circuit impedances (Ohms) 00 RCD AFDD resistance devices measu t loop e Zs **Reference Method** All circuits Disconnection time number Ring final circuits only by by Z_S Operating current, I∆n (one column to voltage Test button operation Number of points served Earth Type of wiring button Maximum n earth fault I impedance (measured end to end) Circuit num and phase Circuit designation Maximum g Ö Live be completed) Capacity Type No Max dis permitte Polarity Rating BS(EN) Live срс Test k opera Test Live Live r₁ rn $R_1 + R_2$ R_2 r2 mm² mm² s А kΑ Ω MΩ MΩ V r Ω ms r V mΑ (Line) (Neutral) (cpc) В В V V Ring main / tv points 3 2.5 2.5 0.04 88-2 gG 15 80 N/A N/A 0.27 0.27 0.09 0.15 N/A > 200 > 200 500 0.25 18 N/A 1 2 Spare 3 Spare 4 Spare 5 Spare Tank room lights В В 1.5 1.5 0.04 88-2 qG 10 80 N/A N/A N/A N/A N/A 0.34 N/A > 200 > 200 500 r 0.44 N/A N/A N/A 6 6 7 Tank room heaters В В 2 2.5 2.5 0.04 88-2 qG 20 80 N/A N/A N/A N/A N/A 0.27 N/A > 200 > 200 500 r 0.37 N/A N/A N/A 8 Spare 0 - Other А В С D Е F G Н CODES FOR Thermoplastic Thermoplastic Thermoplastic Thermoplastic Thermoplastic Mineral Thermoplastic Thermosetting insulated/sheathed cables in cables in cables in cables in N/A TYPE OF /SWA cables /SWA cables insulated cables WIRING cables metallic conduit nonmetallic conduit metallic trunking nonmetallic trunking BOARD CHARACTERISTICS APPLIES WHEN THE BOARD IS NOT CONNECTED TO THE ORIGIN OF THE INSTALLATION Main D.B 1 ~ Supply to this distribution board is from: No of phases: Confirmation of supply polarity: Nominal Overcurrent protective device 230 v 88-2 Fuse HRC - Type gG 60 2.6 kA 0.10 Ω BS(EN): Rating: Α Zs: lpf: Voltage: for the distribution circuit: Disconnection N/A ms Disconnection N/A N/A ms N/A N/A mA BS(EN): RCD No of poles: Rating: time at In time at 5ln: DETAILS OF TEST INSTRUMENTS Details of Test Instruments used (state serial and/or asset numbers): B040826 N/A N/A Multi-functional: Insulation resistance: Continuity: Earth electrode resistance: N/A Earth fault loop impedance: N/A RCD: N/A TESTED BY **Reece Cheasman** Electrician 4 lhar 26/05/2022

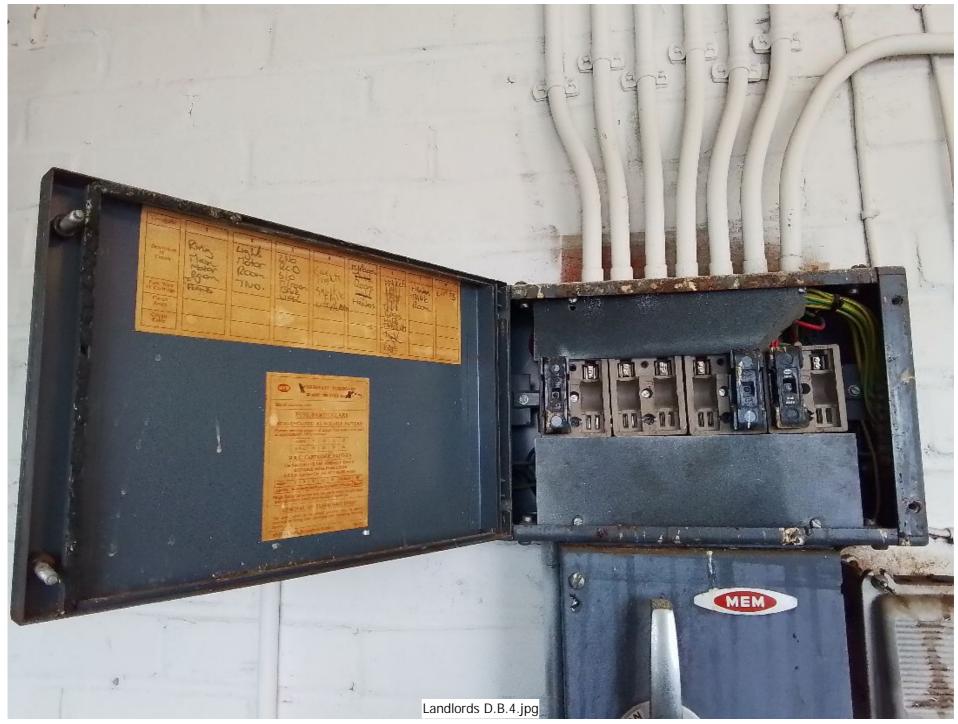
This form is based on the model shown in Appendix 6 of BS 7671:2018.

Position:

Name:

Signature:

Date:

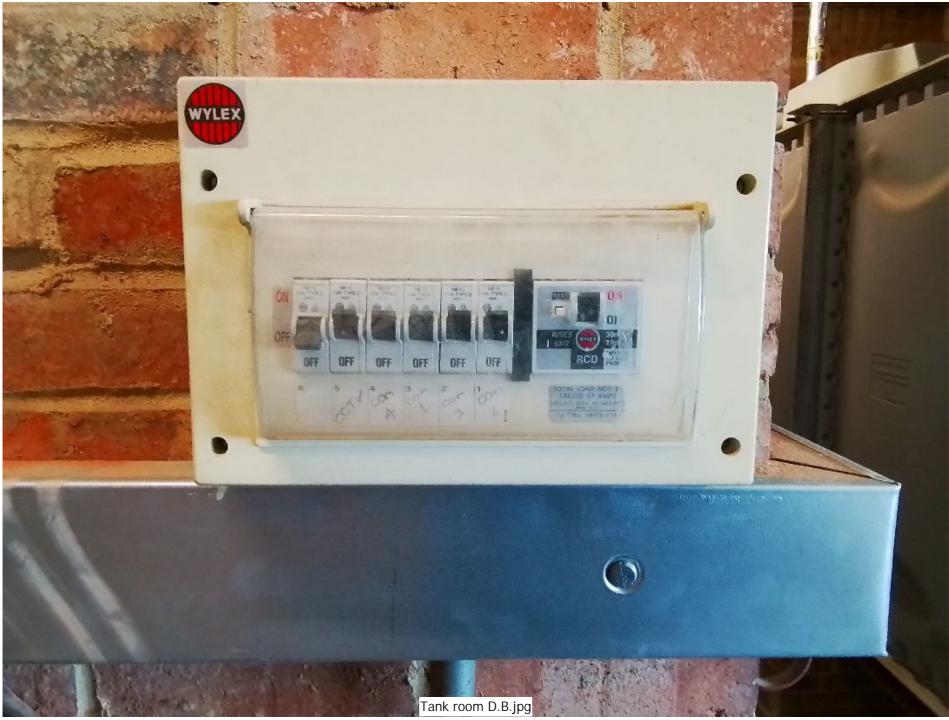


	CHEDDEL OF CIRCOT					511	VLJ		5																		
Distr	ibution board designation:			Lift	mot	or r	oom	D.E	3			Lo	catio	n:			Lif	t Mot	or Roo	om							
				a		condu	cuit ictors: sa	t time S7671	Overcuri	rent pi device:		ve	RCD	BS7671		Circuit imp	pedance				nsulation esistance			measured loop : Zs		D	AFI
Circuit number and phase	Circuit designation		Type of wiring	Reference Method	Number of points served	Live		 Max disconnect time permitted by BS7671 	BS(EN)	Type No	> Rating	🗧 Capacity	<pre>3 Operating > current, I∆n</pre>	B Maximum Z _S permitted by B		inal circuit ured end t ^r n (Neutral)	r ₂	(one co	ircuits plumn to ppleted) R ₂	Live - Live ΔM	ΔM Uve - Earth	< Test voltage	 Polarity 	Maximum meas 0 earth fault loop impedance Zs	B Disconnection	 Test button operation 	Test button
1	240v car supply LHS		D	В	No	2.5	2.5	0.4	60898	В	16	10	N/A	2.73	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	N/A	N/A	N/
2	Motor room RCD socket LHS		D	В	1	2.5	2.5	0.4	60898	В	16	10	N/A	2.73	N/A	N/A	N/A	0.07	N/A	> 200	> 200	500	~	0.23	Fail	N/A	N,
3	Pit socket LHS		D	В	No	2.5	2.5	0.4	60898	В	16	10	N/A	2.73	N/A	N/A	N/A	LIM	N/A	> 200	> 200	500	~	LIM	N/A	N/A	N,
4	Motor room heaters		D	В	2	2.5	2.5	0.4	60898	В	16	10	N/A	2.73	N/A	N/A	N/A	0.13	N/A	> 200	> 200	500	~	0.29	N/A	N/A	N/
5	Car light LHS		D	В	1	2.5	2.5	0.4	60898	В	6	10	N/A	7.28	N/A	N/A	N/A	0.06	N/A	> 200	> 200	500	~	0.22	N/A	N/A	N.
6	Motor room lights		D	В	5	1.5	1.5	0.4	60898	В	6	10	N/A	7.28	N/A	N/A	N/A	0.23	N/A	> 200	> 200	500	~	0.39	N/A	N/A	N
7	Handwind unit LHS		D	В	1	1.5	1.5	0.4	60898	В	6	10	N/A	7.28	N/A	N/A	N/A	0.17	N/A	> 200	> 200	500	~	0.33	N/A	N/A	N/
8	Windcrest unit LHS		D	В	1	2.5	2.5	0.4	60898	В	6	10	N/A	7.28	N/A	N/A	N/A	0.19	N/A	> 200	> 200	500	~	0.35	N/A	N/A	N
9	240v supply controler LHS		D	В	No	2.5	2.5	0.4	60898	В	6	10	N/A	7.28	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	N/A	N/A	N,
10	Shaft light LHS		D	В	1	1.5	1.5	0.4	60898	В	6	10	N/A	7.28	N/A	N/A	N/A	0.03	N/A	> 200	> 200	500	~	0.19	N/A	N/A	N/
11	Spare																										
TYP	E OF insulated/sheathed	B hermoplastic cables in		(C ermopli cables	in		Ca	D rmoplastic ables in		C	ables			F Thermo /SWA c			G mosettin /A cables	•	H Minera insulated c				o - o N/			
В	CARD CHARACTERIS				TO T				DF THE I					ng													
Supply	to this distribution board is fi	om:								No	of pł	nase	es:	1					Con	firmatio	n of sup	oply p	olarit	ty:			~
	urrent protective device distribution circuit:	S(EN):				LIM				Rat	ting:			LIM	Λ	lominal /oltage:		0 V	Zs:		0.7	16 Ω	lpt	f:		1	.6
RCD		S(EN):				N/A				No	of po	oles:		N/A		ating:		MmA		onnections at In:	on N/	A ms		isconr me at		n N	/A
	DETAILS OF TEST INS ils of Test Instruments used (/or a	sset	numt	pers)													<u> </u>				<u></u>			
∕lulti-f	unctional:	B04	082	6			Ir	nsula	tion resis	tance	e:					N/A			С	ontinuity	/:			N/A			
arth e	electrode resistance:	N	I/A				E	arth	fault loop	imp	edan	ce:				N/A			R	CD:				N/A			
Т	ESTED BY																										
Nam	e: Reece Cheasma	an	Р	ositio	on:			E	Electricia	n				Signat	ure:			Alk	a-			Da	te:	2	6/05	/202	2
is for	m is based on the model show	vn in Appen	ndix	6 of	BS 76	571:2	2018										Ref:								Page	· 28	3 0

Distr	ribution board designation:		Lift	mot		oom					Loo	catio	ר:			Lif	t Mot	or Roo	om							
			0		Circuit conductors: Csa Live cpc adsconnect time Max disconnect time permitted by BS7671				rotective s		RCD	BS7671	Circuit impedance					Insulation resistance				measured t loop e Zs	RCD		AFE	
and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live	cpc mm ²	wax alsconnect permitted by B	BS(EN)	Type No	> Rating	➡ Capacity	∃ Operating ≽ current, I∆n	Maximum Z _S permitted by B	(measu	inal circui ured end ^r n (Neutral)	r ₂	All circuits (one column to be completed) R ₁ +R ₂ R ₂		Live - Live		< Test voltage	 Polarity 	Maximum earth faul impedanc	B Disconnection time	 Test button operation 	 Test button
12	Spare				11111		3			A	NA	IIIA	32	(Line)	(Neutral)	(cpc)			11122	MΩ		V	Ω	1115	V	
13	240v supply car RHS	D	В	No	1.5	1.5	0.4	60898	В	16	10	N/A	2.73	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	N/A	N/A	N,
14	Motor room RCD socket RHS	D	В	1	2.5	2.5	0.4	60898	В	16	10	N/A	2.73	N/A	N/A	N/A	0.08	N/A	> 200	> 200	500	~	0.24	15	N/A	N
15	Pit socket RHS	D	В	No	2.5	2.5	0.4	60898	В	16	10	N/A	2.73	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	N/A	N/A	N/
16	Spare																									
17	Car ligh RHS	D	В	1	1.5	1.5	0.4	60898	В	6	10	N/A	7.28	N/A	N/A	N/A	0.08	N/A	> 200	> 200	500	~	0.24	N/A	N/A	N/
18	Spare																									
19	Handwind unit RHS	D	В	1	2.5	2.5	0.4	60898	В	6	10	N/A	7.28	N/A	N/A	N/A	0.09	N/A	> 200	> 200	500	~	0.25	N/A	N/A	N,
20	Windcreast unit RHS	D	В	1	2.5	2.5	0.4	60898	В	6	10	N/A	7.28	N/A	N/A	N/A	0.22	N/A	> 200	> 200	500	~	0.38	N/A	N/A	N/
21	240v supply controler RHS	D	В	No	2.5	2.5	0.4	60898	В	6	10	N/A	7.28	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	N/A	N/A	N/
22	Shaft light RHS	D	В	1	1.5	1.5	0.4	60898	В	6	10	N/A	7.28	N/A	N/A	N/A	0.05	N/A	> 200	> 200	500	~	0.21	N/A	N/A	N/.
23	Spare																									
24	Spare																									
																										-
TYP	A B S FOR Thermoplastic Thermoplastic E OF insulated/sheathed cables in R NG cables metallic cond			C ermopl cables netallic	in			D noplastic oles in			E mopl ables	lastic in		F Thermop /SWA ci	olastic		G mosettin A cables	•	H Minera insulated o				o - o' N/			



	CHEDULE OF CIRC		LS .		D TE ank				ΓS				catio	D .				Tank	Poom								
Disti						Cir			Overcur				RCD	BS7671		Tank Room Circuit impedances (Ohms)				li re		Ired	RC	D	AFDD		
Circuit number and phase	Circuit designat	ion	Type of wiring	Reference Method	Number of points served	Live	cpc	 Max disconnect time permitted by BS7671 	BS(EN)	Type No	A Rating	S Capacity	 3 Operating ⇒ current, I∆n 	δ Maximum Z _S permitted by BS	Ring t (meas r ₁ (Line)	final circui sured end rn (Neutral)	r ₂	(one co	rcuits plumn to ppleted) R ₂		S Live - Earth	< Test voltage	 Polarity 	Maximum measured δ earth fault loop impedance Zs	B Disconnection	 Test button operation 	 Test button operation
1	Commando socket 2		В	В	1	2.5	2.5	0.4	3871	2	15	10	30	2.08	N/A	N/A	N/A	0.02	N/A	> 200	> 200	500		0.16	22	~	N/A
2	Commando socket 3		В	В	1	2.5	2.5	0.4	3871	2	15	10	30	2.08	N/A	N/A	N/A	0.02	N/A	> 200	> 200	500	~	0.16	22	~	N/A
3	Commando socket 1		В	В	1	2.5	2.5	0.4	3871	2	15	10	30	2.08	N/A	N/A	N/A	0.02	N/A	> 200	> 200	500	~	0.16	22	r	N/A
4	Commando socket 4		В	В	1	2.5	2.5	0.4	3871	2	15	10	30	2.08	N/A	N/A	N/A	0.03	N/A	> 200	> 200	500	~	0.17	22	V	N/A
5	CCTV Cabenit		В	В	No	2.5	2.5	0.4	3871	2	15	10	30	2.08	N/A	N/A	N/A	LIM	N/A	LIM	LIM	LIM	LIM	LIM	22	•	N/A
6	Spare																										
																											-
	S FOR Thermoplastic	В			С				D			E			F			G		H				0 - 0	ther		
CODE: TYPI WIR	OF insulated/sheathed	Thermoplastic cables in metallic conduit	cables in				cables in cab					rmopl ables tallic t	in					mosettin /A cables	0			s N/A					
В	OARD CHARACTE	RISTICS																									
	LIES WHEN THE BOAR to this distribution board		INEC	TED		'he c N/A) RI G	INC	OF THE I		ALLA of pł			1					Con	firmatio	n of cur		olorit	+			~
	rrent protective device					LIM						Idse	5.		1	Iominal	22	0 V		mmatio	n of sup			-			♥ .8 k/
	distribution circuit:	BS(EN):									ting:				M A Voltaç								ipi.				
RCD		BS(EN):			42	93 R				No	of po	oles:		2	ŀ	Rating:	30	mA		e at In:	30	i ms		me at		2	2 m
	ETAILS OF TEST I			l∕or a	asset	numl	oers)	:																			
·	unctional:	-	4082						ation resis	stanc	e:					N/A			С	ontinuity	y:			N/A			
Earth e	electrode resistance:		N/A				Earth fault loop impedance:						N/A					RCD:				N/A					
Т	ESTED BY																										
Nam											Signa	ture:			Alk	a-			Da	ate: 26/05/2022							
This for	This form is based on the model shown in Appendix 6 of BS 7671:2018.														Ref:								Page	: 31	of 3		





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ELECTRICAL INSTALLATION CONDITION REPORT GUIDANCE FOR RECIPIENTS

(to be appended to the Report)

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

 The purpose of this Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in a satisfactory condition for continued service (see Section 5). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger.
 The person ordering the Report should have received the 'original' Report and the inspector should have retained a duplicate.

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

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

5. Section 4 (Extent and Limitations) should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the Report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.

6. Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in Section 4.

7. For items classified in Section 7 as C1 ('Danger present'), the safety of those using the installation is at risk, and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work immediately.

8. For items classified in Section 7 as C2 ('Potentially dangerous'), the safety of those using the installation may be at risk and it is recommended that a skilled person or persons competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.

9. Where it has been stated in Section 7 that an observation requires further investigation (code FI) the inspection has revealed an apparent deficiency which may result in a code C1 or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section 6).

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