

DETAILS OF THE PERSON ORDERING THE REPORT

ELECTRICAL INSTALLATION CONDITION

Requirements For Electrical Installations - BS 7671 IET Wiring Regulations

Report Reference: 63393

Client: ~University of Warwick	
Address: Estates Office, Porta Cabin, R/O Boiler House, Lord Bhatta	acharyya Way, Coventry, CV4 7AL
2 REASON FOR PRODUCING THIS REPORT Reason for producing this report: Safety assessment requested by client.	
Date(s) on which inspection and testing was carried out: 01/10/20	19
Installation Address: ~University of Warwick - Wellesbourne Campus	SJECT OF THIS REPORT s - House 15, Wellesbourne, Warwick, CV35 9EF
Description of premises: Domestic N/A Commercial ✓ Industrial Installation records available? (Regulation 651.1) No	
Extent of the electrical installation covered by this report: 100% of the installation. Agreed limitations including the reasons (see Regulation 653.2): None.	STING
Agreed with: Operational limitations including the reasons: None.	
The inspection and testing detailed in this report and accompanying schedule 7671:2018 (IET Wiring Regulations) as amended to 2018. It should be noted that cables concealed within trunking and conduits, under of the building or underground, have not been inspected unless specifically a inspection. An inspection should be made within an accessible roof space hou	floors, in roof spaces, and generally within the fabric greed between the client and inspector prior to the
See page 3 for a summary of the general condition of the installation in term Overall assessment of the installation in terms of it's suitability for continued use*: * An unsatisfactory assessment indicates that dangerous (Code C1) a conditions have been identified.	on ms of electrical safety. UNSATISFACTORY

6 RECOMMENDATIONS

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

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

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

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

the installation is further inspected and tested by:

5 Years

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':

N/A There are no items adversely affecting electrical safety

or

Item No		Observations	Classification Code
1	No carbon monoxide detector installed for	boiler.	C3
2	Lighting circuit in bathroom not rcd protect	ted.	C3
3	Shower cover not correctly fixed. I.P rating	no longer sufficient.	C2
4	Circuit 9 - ZS reading exceeds maximum pe	ermitted reading.	FI
5	RCD(s) provided for additional protection/r recommended for improvement.	requirements, where required - includes RCBOs are	C3
6	Presence of diagrams, charts or schedules recommended for improvement.	at or near equipment, where required are	C3
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 in	o the person(s) vestigation vithout delay
l mmedia	ate remedial action required for items:	N/A	
Jrgent r	emedial action required for items:	3	
mprove	ment recommended for items:	1, 2, 5, 6	
- urther i	nvestigation required for items:	4	

Classification

GENERAL CONDITION OF THE INSTALLATION

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

Overall this installation is in a fair condition for its age, it is currently in an unsatisfactory condition due to the observations and recommendations that have been listed on the previous page, which require corrective actions to bring the installation back in line with BS7671. There is various additional 30mA RCD protection, however this is recommended for improvement.

O DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations and the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations in section 4 of this report.

provides	an accu	esting, nere urate assess nis report.																	
Trading ¹	Title:	~Norwoo	d Elect	rical (UK)) Ltd														
Address:		The Coad		e, Lockir	ngton H	lall				U	ation Nu icable):	ımber	0327	788					
		Derbyshi	re			0844	0844 800 5540												
					Post	tcode:	DE7	'4 2RH											
For the	INSPE	CTION, TE	STING A	AND ASS	ESSMEI	NT of	the re	port:											
Name: Dale Thomas Position: Electrician Signature: Date: 01													01/10/	′2019					
Report i	reviewe	ed and aut	horised	for issu	e by:														
Name:	D	aniel Snell	ling	Positio	n: Qu	ualified	d Supe	ervisor	Sign	nature:		PG		Date:	11/11/	′2019			
10 SU	IPPLY	CHARAC	CTERIS	STICS	AND E	ARTI	HING	ARRA	ANG	EMEN	ITS								
Earth Arrange	٠ ١	Numb	er and T	ype of Liv	e Condu	uctors		¦ Nat	ture c	of Suppl	y Param	eters	Suppl	y Proteo	ctive De	vice			
TN-S	- 1	1-phase	ac: 1-	-phase	do N/A 2	c: pole:	N/A N/A	¦ Nomina ¦voltage	l l	U: N/A	V Uo:	230 V	BS(EN):	88-2	! Fuse	HRC			
TN-C-S	~	(2 wire): 2-phase	N/A	3 wire):		pole:	N/A			requen	cy, f:	50 Hz	Туре:		gG				
TNC	N/A	(3 wire): 3-phase (3 wire):	Ν/Λ 3-	-phase wire):		ther:	N/A	I	pectivent, l	ve fault pf:		0.64kA	 Rated cu	ırrent:	60	А			
TT	N/A	Other:		-	J/A					earth fa edance,		0.34 Ω	¦Short-cii ¦capacity		80	kA			
IT	N/A	Confirmati	on of su	pply polai	rity:		~	l Num	ber o	of suppli	ies:	1	 						
11 PA	RTIC	ULARS C	FINS	TALLA															
Means Distribut	of Earth	Ŭ.	 		Deta	ails of I	nstalla	ation Ear	th Ele	ectrode	(where a	applicabl							
facility:		/	Type			N/A		Locati					N/A						
Installati earth ele		N/A	to Ea	stance arth: 	N/A	Ω		Metho meası		ent:			N/A						
Maximur	m Dema	nd (Load):	50	Amps	Prote	ctive n	neasur	e(s) aga	inst e	electric	shock:			ADS					
Main Swi Type	itch / Sv	witch-Fuse /	/ Circuit-	·Breaker /	' RCD			Suppl	у				main swi	itch:					
BS(EN):	6094	17-3 Isolat	or Cu	ırrent rati	ng:	10	0 A	condu		Cc	pper		residual ing curre	nt (l∆n)	: N/	'A mA			
Number of poles:	2			se/device setting:	rating	-	А	mater Suppl	У	0.5	mm ²		time dela	,	N/	/A ms			
			Vo	ltage rati	ng:	25	0 V	condu csa:	ctors				red opera at I∆n):	ating 	N/	/A ms			
_		tective Bon	ding Cor	nductors	Conr	nection	1/			g of exter insta			tive parts To gas	installa	ation	4			
Earthing Conducto			csa:	16 mm			" v		ipes:			/	pipes:			/			
material:		Copper		10 11111	verii	verified:				nstallat	ion	N/A	To ligh protec	ection:					
Conducto		bonding cor	lauctors		Conr	nection	on/ pipe . To s			ıctural			To oth	ther service(s):					
material		Copper	csa:	10 mm	verif	ied:	~		eel:			N/A		N/A					

Item	Description	Comment	Outcom
	<u>'</u>		Outcom
1.0	EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECT Service cable	,	
1.1		N/A	<i>'</i>
1.2	Service head	N/A	
1.3	Earthing arrangements	N/A	✓
1.4	Meter tails	N/A	<i>'</i>
1.5	Metering equipment	N/A	✓
1.6	Isolator (where present)	N/A	N/A
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWI		
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):	1,1/0	
3.1.1	Presence of distributor's earthing arrangement (542.1.2.1; 542.1.2.2), or presence of installation earth electrode arrangement (542.1.2.3)	N/A	<i>'</i>
3.1.2	Adequacy of earthing conductor size (542.3; 543.1.1)	N/A	· ·
3.1.3	Adequacy of earthing conductor connections (542.3.2)	N/A	'
3.1.4	Accessibility of earthing conductor connections (543.3.2)	N/A	'
3.1.5	Adequacy of main protective bonding conductor sizes (544.1)	N/A	✓
3.1.6	Adequacy and location of main protective bonding conductor connections (543.3.2; 544.1.2)	N/A	~
3.1.7	Accessibility of all protective bonding connections (543.3.2)	N/A	✓
3.1.8	Provision of earthing/bonding labels at all appropriate locations (514.13)	N/A	~
3.2	FELV - requirements satisfied (411.7; 411.7.1)	N/A	N/A
4.0	OTHER METHODS OF PROTECTION (where any of the methods listed provided on separate sheets)	ed below are employed details	should be
4.1	Non-conducting location (418.1)	N/A	N/A
4.2	Earth-free local equipotential bonding (418.2)	N/A	N/A
4.3	Electrical separation (Section 413; 418.3)	N/A	N/A
4.4	Double insulation (Section 412)	N/A	N/A
4.5	Reinforced insulation (Section 412)	N/A	N/A
5.0	DISTRIBUTION EQUIPMENT		
5.1	Adequacy of working space/accessibility to equipment (132.12; 513.1)	N/A	✓
5.2	Security of fixing (134.1.1)	N/A	·
5.3	Condition of insulation of live parts (416.1)	N/A	·
5.4	Adequacy/security of barriers (416.2)	N/A	· ·
5.5	Condition of enclosure(s) in terms of IP rating etc (416.2)	N/A	·
5.6	Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)	N/A	~
5.7	Enclosure not damaged/deteriorated so as to impair safety (651.2)	N/A	
5.8	Presence and effectiveness of obstacles (417.2)	N/A	· ·
5.9	Presence of main switch(es), linked where required (462.1; 462.1.201; 462.2)	N/A	~
UTCON Accepta conditio	MES Unacceptable C1 or C2 Improvement C2 Further FI	Not verified N/V Limitation LIM Ref: 63393	Not Not Not Applicable Not Page: 4 of

3 11	ISPECTION SCHEDULE (CONTINUED)		
Item	Description	Comment	Outcome
5.10	Operation of main switch(es) (functional check) (643.10)	N/A	~
5.11	Manual operation of circuit-breakers and RCDs to prove disconnection (643.10)	N/A	~
5.12	Confirmation that integral test button/switch causes RCD(s) to trip when operated (functional check) (643.10)	N/A	~
5.13	RCD(s) provided for fault protection – includes RCBOs (411.4.204; 411.5.2; 531.2)	N/A	N/A
5.14	RCD(s) provided for additional protection/requirements, where required – includes RCBOs (411.3.3; 415.1)	See observations page	C3
5.15	Presence of RCD six-monthly test notice at or near equipment, where required (514.12.2)	N/A	~
5.16	Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1)	See observations page	C3
5.17	Presence of non-standard (mixed) cable colour warning notice at or near equipment, where required (514.14)	N/A	N/A
5.18	Presence of alternative supply warning notice at or near equipment, where required (514.15)	N/A	N/A
5.19	Presence of next inspection recommendation label (514.12.1)	N/A	·
5.20	Presence of other required labelling (please specify) (Section 514)	N/A	N/A
5.21	Compatibility of protective devices, bases and other components; correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432, 433)	N/A	~
5.22	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	N/A	~
5.23	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)	N/A	~
5.24	Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)	N/A	•
6.0	DISTRIBUTION CIRCUITS		
6.1	Identification of conductors (514.3.1)	N/A	N/A
6.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	N/A	N/A
6.3	Condition of insulation of live parts (416.1)	N/A	N/A
6.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A	N/A
6.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	N/A	N/A
6.6	Cables correctly terminated in enclosures (Section 526)	N/A	N/A
6.7	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure	N/A	N/A
6.8	Examination of cables for signs of unacceptable thermal or mechanical damage/deterioration (421.1; 522.6)	N/A	N/A
6.9	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A	N/A
6.10	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A	N/A
6.11	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	N/A	N/A
6.12	Coordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	N/A
OUTCON Accepta conditio	ble TICK Unacceptable C1 or C2 Improvement C3 Further		lot N/

14/IN	ISPECTION SCHEDULE (CONTINUED)		
Item	Description	Comment	Outcome
6.13	Cable installation methods/practices with regard to the type and nature of installation and external influences (Section 522)	N/A	N/A
6.14	Where exposed to direct sunlight, cable of a suitable type (522.11.1)	N/A	N/A
6.15	Cables concealed under floors, above ceilings, in walls/partitions partitions containing metal parts:	less than 50mm from a surface, ar	nd in
6.15.1	Installed in prescribed zones (see Section 4. Extent and limitations) (522.6.202) or	N/A	N/A
6.15.2	Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section 4. Extent and limitations) (522.6.204)	N/A	N/A
6.16	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	N/A
6.17	Band II cables segregated/separated from Band I cables (528.1)	N/A	N/A
6.18	Cables segregated/separated from non-electrical services (528.3)	N/A	N/A
6.19	Condition of circuit accessories (651.2)	N/A	N/A
6.20	Suitability of circuit accessories for external influences (512.2)	N/A	N/A
6.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	N/A	N/A
6.22	Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment – identify/record numbers and locations of items inspected (Section 526)	N/A	N/A
6.23	Presence, operation and correct location of appropriate devices for isolation and switching (Chapter 46; Section 537)	N/A	N/A
6.24	General condition of wiring systems (651.2)	N/A	N/A
6.25	Temperature rating of cable insulation (522.1.1; Table 52.1)	N/A	N/A
7.0	FINAL CIRCUITS		
7.1	Identification of conductors (514.3.1)	N/A	~
7.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	N/A	V
7.3	Condition of insulation of live parts (416.1)	N/A	'
7.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1)	N/A	N/A
7.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	N/A	•
7.6	Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (Section 523)	N/A	'
7.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	N/A	'
7.8	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	See observations page	FI
7.9	Co-ordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	~
7.10	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	N/A	~
7.11	Cables concealed under floors, above ceilings, in walls/partitions, (522.6.201; 522.6.202; 522.6.203; 522.6.204):	adequately protected against dam	nage
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) MES	N/A	N/A
Acceptal	ble TICK Unacceptable C1 or C2 Improvement C3 Further		lot icable N/A

15/IN	ISPECTION SCHEDULE (CONTINUED)		
Item	Description	Comment	Outcome
7.12	Provision of additional protection by 30mA RCD:		
7.12.1	For all socket-outlets of rating 32A or less unless exempt (411.3.3) *	N/A	~
7.12.2	For the supply of mobile equipment not exceeding 32A rating for use outdoors (411.3.3) *	N/A	~
7.12.3	For cables concealed in walls at a depth of less than 50mm (522.6.202, 522.6.203) *	N/A	~
7.12.4	For cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203) *	N/A	~
7.12.5	For final circuits supplying luminaires within domestic (household) premises (411.3.4) *	See observations page	C3
	* 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	~
7.14	Band II cables segregated/separated from Band I cables (528.1)	N/A	~
7.15	Cables segregated/separated from non-electrical services (528.3)	N/A	~
7.16	Termination of cables at enclosures – identify/record numbers and 526):	d locations of items inspected (Sec	ction
7.16.1	Connections under no undue strain (526.6)	N/A	✓
7.16.2	No basic insulation of a conductor visible outside enclosure (526.8)	N/A	✓
7.16.3	Connections of live conductors adequately enclosed (526.5)	N/A	~
7.16.4	Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	N/A	~
7.17	Condition of accessories including socket-outlets, switches and joint boxes (651.2)	See observations page	C3
7.18	Suitability of accessories for external influences (512.2)	N/A	~
7.19	Single-pole switching or protective devices in line conductors only (132.14.1, 530.3.3)	N/A	•
8.0	ISOLATION AND SWITCHING		
8.1	Isolators (Sections 460; 537):		
8.1.1	Presence and condition of appropriate devices (Section 462; 537.2.7)	N/A	✓
8.1.2	Acceptable location – state if local or remote from equipment in question (Section 462; 537.2.7)	N/A	~
8.1.3	Capable of being secured in the OFF position (462.3)	N/A	~
8.1.4	Correct operation verified (643.10)	N/A	✓
8.1.5	Clearly identified by position and/or durable marking (537.2.6)	N/A	✓
8.1.6	Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2)	N/A	•
8.2	Switching off for mechanical maintenance (Section 464; 537.3.2):		
8.2.1	Presence and condition of appropriate devices (464.1; 537.3.2)	N/A	~
8.2.2	Acceptable location – state if local or remote from equipment in question (537.3.2.4)	N/A	•
8.2.3	Capable of being secured in the OFF position (462.3)	N/A	~
8.2.4	Correct operation verified (643.10)	N/A	~
8.2.5	Clearly identified by position and/or durable marking (537.3.2.4)	N/A	'
OUTCOM Acceptab condition	ble TLCK Unacceptable C1 or C2 Improvement C2 Further		lot N/A

16/IN	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	N/A
8.3.2	Readily accessible for operation where danger might occur (537.3.3.6)	N/A	N/A
8.3.3	Correct operation verified (643.10)	N/A	N/A
8.3.4	Clearly identified by position and/or durable marking (537.3.3.6)	N/A	N/A
8.4	Functional switching (Section 463; 537.3.1):		
8.4.1	Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2)	N/A	~
8.4.2	Correct operation verified (537.3.1.1; 537.3.1.2)	N/A	'
9.0	CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED)		
9.1	Condition of equipment in terms of IP rating etc (416.2)	See observations page	C2
9.2	Equipment does not constitute a fire hazard (Section 421)	N/A	~
9.3	Enclosure not damaged/deteriorated so as to impair safety (134.1.1; 416.2; 512.2)	N/A	~
9.4	Suitability for the environment and external influences (512.2)	N/A	~
9.5	Security of fixing (134.1.1)	N/A	~
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	•
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)	See observations page	C3
10.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)	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	'
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)	See observations page	C2
10.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	N/A	~
10.8	Suitability of current-using equipment for particular position within the location (701.55)	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 inspecti	ons)
11.1	N/A	N/A	N/A
11.2	N/A	N/A	N/A
11.3	N/A	N/A	N/A
OUTCON Accepta condition	ble Troy Unacceptable 1 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Not N/A

17 <u>S</u>	CHEDULE OF CIRC	CUIT DETA	ILS	ANE) TE	ST F	RES	ULT	S																		
Distr	ibution board designation	n:	04-0)42-	00-0	13-1	DB1	(Mł	<) #9			Loc	catio	n:			04	1-042-	-00-0	13							
						condu	cuit ictors:	: time S7671	Overcurr	ent pi levice:		/e	RCD	BS7671	(Circuit imp	mpedances (Ohms)		;)		nsulation esistance			sured	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	> Rating	∑ Capacity	g Operating ➤ current, l∆n	Maximum Z_Spermitted by B		inal circuit ured end t rn (Neutral)		(one co	rcuits lumn to pleted) R ₂	(1)	Σ Live - Earth	< Test voltage	♦ Polarity	Maximum measured B earth fault loop impedance Zs	B Disconnection it ime	Test button operation	Test button operation
1	Lights - Upstairs		А	С	8	1.5	1.0		60898	В	6	6		5.82				1.15			>999	500	~	1.43			
2	Lights - Downstairs		А	С	5	1.5	1.0	0.4	60898	В	6	6		5.82				1.77			>999	500	~	2.17			
3	Smoke Detectors		А	С	2	1.5	1.0	0.4	60898	В	6	6		5.82				0.69			>999	500	~	1.01			
4	Spare																										
5	Spare																										
6	Spare																										
7	RCD Module																										
8	RCD Module																										
9	Shower Rm 008		А	С	1	6	2.5	0.4	60898	В	32	6	30	1.10				1.41			>999	500	~	1.76	13	~	
10	Cooker Rm 012		А	С	1	6	2.5	0.4	60898	В	32	6	30	1.10				0.12			>999	500	~	0.47	13	~	
11	Outside supply		А	С	1	6	2.5	0.4	60898	В	32	6	30	1.10				0.30			>999	500	~	0.64	13	~	
	Α	В			С		D					F			F			G		Н		O - Oth			other		
TYP	S FOR Thermoplastic E OF insulated/sheathed RING cables	Thermoplastic cables in metallic condu			ermopla cables i netallic d	n	Thermoplastic Thermo				ables	in		Thermor			mosettino A cables	_	Minera insulated o				N/.				
APP Supply	SOARD CHARACTE LIES WHEN THE BOAR to this distribution board	D IS NOT CO	NNEC	TED		HE C		IN C	OF THE IN		ALLA of ph			1					Con	nfirmatio	n of sup	oply p	olari	ty:			,
	urrent protective device distribution circuit:	BS(EN):				N/A				Rat	ting:			100	Λ	lominal 'oltage:	23	0 V	Zs:		0.3	34 Ω	lp	f:		0.6	64 kA
RCD		BS(EN):				N/A				No	of po	oles:		N/A		ating:	N/A	mA		connecti e at In:	on N/	A ms		sconn ne at		n N/	/A ms
	DETAILS OF TEST I				asset i	าเมฑะ	ners)																				
	unctional:		14397						tion resist	tance	e:					-			C	ontinuity	y:			-			
Earth e	th electrode resistance:						E	arth	fault loop	imp	edan	ce:				-			R	CD:				-			
	ESTED BY		_	S = - ! + !									,						<u> </u>						0		
Name: Dale Thomas Position:							2010		Electriciar	า				Signa ⁻	ture:			Den	Mar	•		Da	te:	0		/201	9 of 10

	CHEDULE OF CIRCUI																									
Distr	ibution board designation:	04-0)42-(00-0			(MI	K) #9			Lo	catio	n:			04	4-042	-00-01	13							
			7		condu	cuit uctors: șa	t time \$7671	Overcurr	ent p		/e	RCD	BS7671		Circuit im	pedance	se (()hme)			nsulation esistance			sured	RC	CD	AFDD
Circuit number and phase	Circuit designation	Type of wiring	Reference Method	Number of points served	Live mm ²	cpc	Max disconnect time permitted by BS7671	BS(EN)	Type No	> Rating	∑ Capacity	g Operating ➤ current, I∆n	ω Maximum Z _s permitted by E		inal circui ured end rn (Neutral)	r ₂	(one co	lumn to pleted)	ΩM Live - Live	ω W Live - Earth	< Test voltage	♣ Polarity	Maximum measured B earth fault loop impedance 7s	B Disconnection time	Test button operation	Test button operation
12	Sockets (RFC) - Kitchen Rm 012	A	С	5	2.5	1.5	0.4	60898	В	32	6	30	1.10	0.27	0.27	0.40	0.26			>999	500	~	0.61	13	~	
13	Sockets (RFC) - Upstairs	А	С	10	2.5	1.5	0.4	60898	В	32	6	30	1.10	0.36	0.36	0.58	0.35			>999	500	~	0.57	13	~	
14	Sockets (RFC) - Downstairs	A	С	10	2.5	1.5	0.4	60898	В	32	6	30	1.10	0.64	0.64	1.12	0.50			>999	500	~	0.82	13	~	
15	Spare																									
16	Spare																									
17	Spare																									
TYP	E OF insulated/sheathed	B Thermoplastic cables in netallic conduit		C ermopl cables etallic	in	t	С	D rmoplastic ables in Ilic trunking	1		ables			Thermo /SWA c	plastic		G mosettin /A cables		H Minera insulated o				0 - 0 N/			

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.