

ELECTRICAL INSTALLATION CONDITION REPORT

109383824

Issued in accordance with British Standard BS 7671 - Requirements for Electrical Installations

Certificate Reference:

DETAILS OF THE CLIENT Client: Hand Eye Letter Press Arch 6 Pinchin Street, London, E1 1SA Address: PURPOSE OF THE REPORT Purpose for which this report is required: Clients request DETAILS OF THE INSTALLATION Installation Address: Same As Client Address N/A Commercial N/A Industrial N/A Other: Commercial Description of premises: Domestic Evidence of alteration Estimated age of electrical installation: 10 years ves if yes, estimated age: years or additions: 15/07/2015 Date of previous inspection: Electrical Installation Certificate No or previous Periodic N/A N/a Records of installation available: Inspection Report No: EXTENT OF THE INSTALLATION AND LIMITATIONS OF THE INSPECTION AND TESTING Extent of the electrical installation covered by this report: 50% of the installation in accordance with item 3.8.2 of Guidance Note 3. Agreed and operational limitations of the inspection and testing (include reasons and person agreed with): Limited insulation resistance tests due to parallel paths, visual inspection on equipment above 3M, no circuit tracing or investigatation undertaken, excludes fire alarm, heating & ventilation, portable appliancesAs stated above. Visual inspection on emergency lighting. The inspection has been carried out in accordance with BS 7671:2008, as amended to 2011. Cables concealed within trunking and conduits, under floors, in roof spaces and generally within the fabric of the building or underground, have not been inspected unless specifically agreed between the client and inspector prior to the inspection. **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 on page 1 (see section 2), having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (see section 7) and the attached schedules (see section 17), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations on the inspection and testing (see section 4). For the INSPECTION, TESTING AND ASSESSMENT of the report: Name: **Barry Jones** Position: Engineer Signature: Date: 24/03/2017 Report reviewed and authorised for issue by: Name: **Bob Holmes Qualified Supervisor** Date: 03/04/2017 Position: Signature: SUMMARY OF THE CONDITION OF THE INSTALLATION See page 3 for a summary of the general condition of the installation in terms of electrical safety.

conditions have been identified.

This form is based on the model shown in Appendix 6 of BS 7671 amended 2011.

* An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2)

Overall assessment of the installation in terms of it's suitability for

continued use*:

SATISFACTORY

		RECOMMENDATIONS FOR ACTIONS TO BE TAKEN		
Referri	ing to the attached So of this report under 'E	chedule(s) of Inspections and Test Results, and subject to the link tent of the Installation and Limitations of Inspection and Testin	mitations spe ng':	ecified on
		sely affecting electrical safety	J	
N/A T	he following observation	or as and recommendations are made		
Item No	-	Observations	Classification Code	Further Investigation Required
1				No
One of th responsib	e following codes, as ap le for the installation th	propriate, has been allocated to each of the observations made above edgree of urgency for remedial action:	to indicate to	the person(s)
Risk	nger Present k of injury. Immediate r on required	C2 Potentially dangerous Urgent remedial action required C3 Improve	ement recom	mended
	ate remedial action for items:	N/A		
Urgent r	emedial action for items:	N/A		
Improve		N/A		

N/A

Further investigation required for items:

$\overline{}$		\cap
\succ	RECOMMENDATI	CIV
\cup		

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 'Further Investigation Required'.

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

General condition of the installation in terms of electrical safety:

Installation is satisfactory

o NEXT INSPECTION

I/We recommend that this installation is further inspected and tested after an interval of not more than:

5 Years

(Enter interval in terms of years, months or weeks, as appropriate)

provided that any items in section 7 which have been attributed a Classification code C1 (danger present) are remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or require further investigation are remedied or investigated respectively as a matter of urgency. Items which have been attributed a Classification code C3 should be improved as soon as practicable (see section 7).

10 DETAILS OF THE ELECTRICAL CONTRACTOR

Trading Title: R J Holmes Electrical Contractors Ltd

Address: 10 Wellesley Road

Wanstead London Registration Number:

19495

Telephone Number:

0208 281 4849

Postcode: E11 2HF

11 SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Syste		Numbe	r and	Type of L	ive Co	onducto	rs	Natur	e of Supply	1			istics of	
Type	(s)	1	ac:	/		dc:	N/A	1	ameters				Supply	
TN-S	N/A	1-phase		1-nhase	B1 / A			Nominal U:	400 V Uo:	230 V	Overci	urrent Devic	Protecti ^s e(s)	ve
TN 0 0		(2 wire):	N/A	(3 wire):	N/A	2 pole:	N/A	1 0 17		EO 11-	DC (ENI)		` ,	20
TN-C-S	•	(3 wire):	N/A			3 pole:	N/A	Nominal free	, ,	50 HZ	BS(EN):	1361	Fuse HE	36
TNC	N/A	3-phase (3 wire):	N/A	3-phase (4 wire):	~	Other:	N/A	Prospective current, lpf:	fault	1.6 kA	Type:		2	
TT	N/A	Other:			N/A			External ear loop impeda	th fault		Rated cur		100	А
IT	N/A	Confirmat	ion of	supply pol	arity:		'	Number of s			Short-circ capacity:		33	kA

12 PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of Earth	ning	1	Details	Details of Installation Earth Electrode (where applicable)									
Distributor's facility:	~	Type:		N/A	Location:	N/A							
Installation earth electrode:	N/A	Electrode resistance, RA:	N/A	Ω	Method of measurement:	N/A							
			1										

			i									
Туре		or Circuit-Brea			Earthing co		ing and Pr	otectiv	/e Bond	ing Cond	ductors Continuity &	
BS(EN): Number of	60947-3 Isolator	Voltage rating: Rated	400	V	Conductor material:		Copper	Con csa:	ductor	16 mm ²	connection	~
poles:	3	current, In:	125	A	Main prote	ctive I	oondina ca				verified: Continuity &	
Supply conductors	Copper	RCD operating current:	N/A n	nA ¦	Conductor material:		Copper		ductor	10 mm ²	connection verified:	•
material: Supply		PCD rated			Bonding of	extra	neous-cor	nductiv				
conductors csa:	25 mm ²	RCD rated time delay:	N/A r	ns i	Water service:	/	Gas service:	N/A	Oil service	: N/A	Lightning protection:	N/A
C3a.		RCD operating	N/A r	ns !	Structural	N/A	Other inco	9		ı	v/A	

13 IN	SPECTION SCHEDULE			
item No	Description	Comment	Outcome	Further Investigation Required
1.0 COI	NDITION/ADEQUACY OF DISTRIBUTOR'S/SUPPLY IN	TAKE EQUIPMENT		. <u>,</u>
1.1	Service cable	N/A	Pass	
1.2	Service cut-out/fuse(s)	N/A	Pass	
1.3	Meter tails - Distributor	N/A	Pass	
1.4	Meter tails - Consumer	N/A	Pass	
1.5	Metering equipment	N/A	Pass	
1.6	Means of main isolation (where present)	N/A	Pass	
2.0	PRESENCE OF ADEQUATE ARRANGEMENTS FOR PARALLEL OR SWITCHED ALTERNATIVE SOURCES (551.6; 551.7)	N/A	N/A	
3.0 AU	TOMATIC DISCONNECTION OF SUPPLY			
3.1 Mair	n earthing and bonding arrangements (411.3; Chapter 54)			
3.1.1	Presence and condition of distributor's earthing arrangement (542.1.2.1; 542.1.2.2)	N/A	Pass	
3.1.2	Presence and condition of earth electrode arrangement (542.1.2.3)	N/A	N/A	
3.1.3	Adequacy of earthing conductor size (542.3; 543.1.1)	N/A	Pass	
3.1.4	Adequacy of earthing conductor connections (542.3.2)	N/A	Pass	
3.1.5	Accessibility of earthing conductor connections (543.3.2)	N/A	Pass	
3.1.6	Adequacy of main protective bonding conductor size(s) (544.1)	N/A	Pass	
3.1.7	Adequacy of main protective bonding conductor connections (543.3.2; 544.1.2)	N/A	Pass	
3.1.8	Accessibility of main protective bonding connections (543.3.2)	N/A	Pass	
3.1.9	Provision of earthing/bonding labels at all appropriate locations (514.11)	N/A	Pass	
3.2 FEL\	V		1	
3.2.1	Source providing at least simple separation	N/A	N/A	
3.2.2	Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises	N/A	N/A	
	uced low voltage			
3.3.1	Adequacy of source	N/A	N/A	
3.3.2	Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises	IN/A	N/A	
	HER METHODS OF PROTECTION (where the methods of ed on separate sheets)	of protection listed below are emp	loyed, detai	Is should be
4.1	Double insulation (Section 412)	N/A	Pass	
4.2	Reinforced insulation (Section 412)	N/A	N/A	
4.3	Use of obstacles (417.2)	N/A	N/A	
4.4	Placing out of reach (417.3)	N/A	N/A	
4.5	Non-conducting location (418.1)	N/A	N/A	
4.6	Earth-free local equipotential bonding (418.2)	N/A	N/A	
4.7	Electrical separation for more than one item of equipment (Section 413; 418.3)	N/A	N/A	
5.0 DIS	STRIBUTION EQUIPMENT		7	
5.1	Adequacy of working space/accessibility of 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)	N/A	Pass	
5.4	Adequacy/security of barriers (416.2)	N/A	Pass	
5.5	Condition of enclosure(s) in terms of IP rating etc (416.2)	N/A	Pass	
OUTCO Acceptal condition	ble PASS Unacceptable C1 or C2 Improvement	C3 Not N/V Limitation	LIM Not applic	able N/A

14 IN	SPECTION SCHEDULE			F 11
item No	Description	Comment	Outcome	Further Investigation Required
5.0 DIS	STRIBUTION EQUIPMENT (CONTINUED)			
5.6	Condition of enclosure(s) in terms of fire rating etc (421.1.6; 526.5)	N/A	Pass	
5.7	Enclosure not damaged/deteriorated so as to impair safety (621.2(iii))	N/A	Pass	
5.8	Presence of main switch(es), linked where required (537.1.2; 537.1.4)	N/A	Pass	
5.9	Operation of main switch(es) (functional check) (612.13.2)	N/A	Pass	
5.10	Correct identification of circuit protective devices	N/A	Pass	
5.11	Adequacy of protective devices for prospective fault current	N/A	Pass	
5.12	RCD(s) provided for fault protection - includes RCBOs (414.4.9; 411.5.2; 531.2)	n/a	Pass	
5.13	RCD(s) provided for additional protection - includes RCBOs (411.3.3; 415.1)	N/A	Pass	
5.14	RCD(s) provided for protection against fire - includes RCBOs	N/A	Pass	
5.15	Manual operation of circuit-breakers and RCDs to prove disconnection (612.13.2)	N/A	Pass	
5.16	Presence of RCD retest notice at or near equipment where required (514.12.2)	N/A	Pass	
5.17	Presence of diagrams, charts or schedules at or near equipment where required (514.9.1)	N/A	Pass	
5.18	Presence of non-standard (mixed) cable colour warning notice at or near equipment where required (514.14)	N/A	N/A	
5.19	Presence of alternative supply arrangement warning notice(s) at or near equipment where required (514.15)	N/A	N/A	
5.20	Presence of replacement next inspection recommendation label (514.12.1)	N/A	Pass	
5.21	Presence of other required labelling (please specify) (Section 514)	N/A	Pass	
5.22	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (421.1.3)	N/A	Pass	
5.23	Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.11)	N/A	Pass	
5.24	Protection against electromagnetic effects where cables enter metallic enclosures (521.5.1)	N/A	N/A	
6.0 DIS	STRIBUTION/FINAL CIRCUITS			
6.1	Identification of conductors (514.3.1)	N/A	Pass	
6.2	Cables correctly supported throughout their length (522.8.5)	N/A	Pass	
6.3	Condition of insulation of live parts (416.1)	N/A	Pass	
6.4	Non-sheathed cables protected by enclosure in conduit, duct or trunking (521.10.1)	N/A	Pass	
6.5	Suitability of containment systems for continued use (including flexible conduit) (Section 522)	N/A	Pass	
6.6	Cables correctly terminated in enclosures (indicate extent of sampling in Section 4 of report) (Section 526)	N/A	Pass	
6.7	Examination of cables for signs of unacceptable thermal and mechanical damage/deterioration (421.1; 522.6)	n/A	Pass	
6.8	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation (Section 523)	N/A	Pass	
6.9	Adequacy of protective devices; type and rated current for fault protection (411.3)	N/A	Pass	
6.10	Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1)	N/A	Pass	
6.11	Co-ordination between conductors and overload protective devices (433.1; 533.2.1)	N/A	Pass	
OUTCO	MES			
Acceptal condition		C3 Not N/V Limitation Verified	LIM Not applic	able N/A

15 INSPECTION SCHEDULE										
1tem No	Description	Comment	Outcome	Further Investigation Required						
6.0 DIS	STRIBUTION/FINAL CIRCUITS (CONTINUED)									
6.12	Cable installation methods/practices appropriate to the type and nature of installation and external influences (Section 522)	N/A	Pass							
6.13	Cables where exposed to direct sunlight, of a suitable type (522.11.1)	N/A	N/A							
6.14	Concealed cables installed in prescribed zones (see extent and limitations) (522.6.101)	N/A	N/A							
6.15	Concealed cables incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage caused by nails, screws and the like where not in prescribed zones or not protected by 30 mA RCD (see extent and limitations) (522.6.101; 522.6.103)	N/A	N/A							
6.16	Provision of additional protection by 30 mA RCD for cables concealed in walls or partitions (522.6.102; 522.6.103)	N/A	N/A							
6.17 - P	Provision of additional protection by 30 mA RCD									
6.17.1	Where reasonably likely to be used to supply mobile equipment for use outdoors (411.3.3)	N/A	Pass							
6.17.2	For all socket-outlets of rating 20 A or less provided for use by ordinary persons (411.3.3)	N/A	N/A							
6.18	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	N/A	N/A							
6.19	Band II cables segregated/separated from Band I cables (528.1)	N/A	N/A							
6.20	Cables segregated/separated from non-electrical services (528.3)	N/A	N/A							
6.21 - T	ermination of cables at enclosures(identify numbers and lo	cations of items inspected in Section 4) (Section 52	26)						
6.21.1	Connections under no undue strain (526.6)	N/A	Pass							
6.21.2	No basic insulation of a conductor visible outside an enclosure (526.8)	N/A	Pass							
6.21.3	Connections of live conductors adequately enclosed (526.5)	N/A	N/A							
6.21.4	Adequacy of connection at point of entry to enclosure (gland, bush or similar) (522.8.5)	N/A	Pass							
6.22	General condition of wiring systems (621.2(ii))	N/A	Pass							
6.23	Temperature rating of cable insulation (522.1.1; Table 52.1)	N/A	Pass							
6.24	Condition of accessories including socket-outlets, switches and joint boxes (621.2 (iii))	n/a	Pass							
6.25	Suitability of accessories for external influences (512.2)	N/A	Pass							
7.0 ISC	DLATION AND SWITCHING									
7.1 Isola	ators (537.2)									
7.1.1	Presence and condition of appropriate devices (537.2.2)	N/A	Pass							
7.1.2	Acceptable location - state if local or remote from equipment in question (537.2.1.5)	N/A	Pass							
7.1.3	Capable of being secured in the OFF position (537.2.1.2)	N/A	Pass							
7.1.4	Correct operation verified (612.13.2)	N/A	Pass							
7.1.5	Clearly identified by position and/or durable marking(s) (537.2.2.6)	N/A	Pass							
7.1.6	Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.2.1.3)	N/A	N/A							
7.2 Swit	tching off for mechanical maintenance (537.3)									
7.2.1	Presence and condition of appropriate devices (537.3.1.1)	N/A	Pass							
7.2.2	Acceptable location - state if local or remote from equipment in question (537.3.2.4)	N/A	Pass							
OUTCO Acceptal condition	ble PASS Unacceptable C1 or C2 Improvement	C3 Not N/V Limitation	LIM Not application	able N/A						

Tem No	16 IN	SPECTION SCHEDULE			
7.2.1 Correct operation verified (612.13.2) N/A Pass 7.2.5 Clargity identified by position and/or durable marking(s) N/A Pass 7.2.5 Clargity identified by position and/or durable marking(s) N/A Pass 7.3.1 Presence and condition of appropriate devices (537.4.1.1) N/A N/A N/A Pass 7.3.1 Presence and condition of appropriate devices (537.4.1.1) N/A	Item No	Description	Comment	Outcome	Further Investigation Required
7.2.4 Correct operation verified (612.13.2) 7.2.5 Ciciarty identified by position and/or durable marking(s) N/A Pass N/A Pass 7.3.1 Presence and condition of appropriate devices (537.4.1.1) 7.3.2 Readily accessible for operation where danger might occur (637.4.2.5) 7.3.3 Correct operation verified (537.4.2.6) N/A N/A N/A N/A N/A (637.4.2.5) 7.3.4 (ciarty identified by position and/or durable marking(s) N/A N/A N/A N/A (ciarty identified by position and/or durable marking(s) N/A N/A N/A N/A (ciarty identified by position and/or durable marking(s) N/A N/A N/A N/A N/A (ciarty identified by position and/or durable marking(s) N/A N/A N/A N/A N/A N/A N/A N/	7.0 ISC	DLATION AND SWITCHING (CONTINUED)		1	
7.2.5 (G37.3.2.4) 7.3 temergency switching/stopping (S37.4) 7.3 temergency switching/stopping (S37.4) 7.3.1 Presence and condition of appropriate devices (S37.4.1.1) N/A 7.3.2 (G37.4.2.5) 7.3 Correct operation verified (S37.4.2.6) 7.3 (G37.4.2.5) 7.3 (G37.4.2.5) 7.3 (Correct operation verified (S37.4.2.6) 7.4 (Carly Identified by position and/or durable marking(s) N/A 7.4 (Carly Identified by position and/or durable marking(s) N/A 7.4 (Carly Identified by position and/or durable marking(s) N/A 7.4 (Carly Identified by position and/or durable marking(s) N/A 7.4 (Carly Identified by position and/or durable marking(s) N/A 7.4 (Carly Identified by position and/or durable marking(s) N/A 7.4 (Carly Identified by position and/or durable marking(s) N/A 7.4 (Carly Identified by position and/or durable marking(s) N/A 7.4 (Carly Identified by position and/or durable marking(s) N/A 7.4 (Carly Identified by Pass Identified By	7.2.3	Capable of being secured in the OFF position (537.3.2.3)	N/A	Pass	
7.2.5 Emergency switching/stopping (537.4) 7.3.1 Presence and condition of appropriate devices (537.4.1.1) N/A N/A 7.3.2 (637.4.2.5) N/A N/A N/A 7.3.3 Correct operation werified (537.4.2.6) N/A N/A N/A 7.3.4 (637.4.2.5) N/A N/A N/A 7.3.5 (637.4.2.5) N/A N/A N/A 7.3.6 (637.4.2.5) N/A N/A N/A 7.3.7 Functional switching (537.5) N/A N/A 7.3.8 Correct operation werified (537.5.1.3; 537.5.2.2) N/A N/A N/A 7.4.1 Presence and condition of appropriate devices (537.5.1.1) N/A N/A 7.4.2 Correct operation werified (537.5.1.3; 537.5.2.2) N/A N/A 7.4.2 Correct operation werified (637.5.1.3; 537.5.2.2) N/A N/A 7.4.2 Condition of equipment in terms of IP rating etc (416.2) N/A 8.0 CURRENT-USING FOULT PREMAKENTLY CONNECTED 8.1 Condition of equipment in terms of IP rating etc (416.2) N/A 8.2 Equipment does not constitute a fire hazard (Section 421) N/A 8.3 Enclosure not damaged/deteriorated so as to impair safety (621.2(iii)) N/A 8.4 Sulfability for the environment and external influences (512.2) N/A 8.5 Security of fixing (134.1.1) N/A 8.6 Sealed so as to restrict the spread of fire (indicate extent of sampling in Section 407 report) 8.7 Correct type of lamps fitted 8.7 Installed to minimise build-up of heat by use of 'tire rated of sampling in Section 407 report) 8.7 N/A Sapas of everheating to surrounding building fabric (N/A Pass 8.7 N/A Sapas of everheating to surrounding building fabric (82.1) 9.1 Section of the section of all port voltage (42.1.1) 9.2 Set of PELV are met for 107.1.1.1.1.5 9.3 Section of PELV are met for 107.1.1.1.1.5 9.4 Presence of supplementa	7.2.4	· · · · · · · · · · · · · · · · · · ·	N/A	Pass	
7.3.1 Presence and condition of appropriate devices (537.4.1.1) N/A Pass (537.4.2.5) (537.4.2.5) N/A Pass (237.4.2.5) N/A N/A N/A N/A (237.4.2.5) N/A N/A N/A N/A N/A N/A N/A (237.4.2.5) N/A	7.2.5		N/A	Pass	
7.3.2 Readily accessible for operation where danger might occur N/A N/A N/A N/A (S17.4.2.5) N/A N/A N/A N/A (S17.4.2.5) N/A N/A N/A N/A (S17.4.2.7) N/A (S17.4.2.7) N/A N/A N/A N/A N/A N/A (S17.4.2.7) N/A (S17.4.2.7) N/A	7.3 Eme	ergency switching/stopping (537.4)]	
7.3.2 Correct operation verified (537.4.2.6) N/A N/A N/A (S37.4.2.7) N/A N/A N/A (S37.4.2.7) N/A N/A N/A N/A (S37.4.2.7) N/A	7.3.1	Presence and condition of appropriate devices (537.4.1.1)	N/A	N/A	
7.3.4 Clearly Identified by position and/or durable marking(s) 7.4.1 Presence and condition of appropriate devices (537.5.1.1) 8.0 CURRENT-USING EQUIPMENT (PERMANENTLY CONNECTED) 8.1 Condition of equipment in terms of IP rating etc (416.2) 8.2 Equipment does not constitute a fire hazard (Section 421) 8.3 Enclosure not damaged/deteriorated so as to impair safety (621.2(iii)) 8.4 Sultability for the environment and external influences (512.2) 8.5 Security of fixing (134.1.1) 8.6 Security of fixing (134.1.1) 8.7 Security of fixing (134.1.1) 8.7 Recessed luminaires (e.g. downlighters) 8.7.1 Correct type of lamps fitted 8.7 Recessed luminaires (e.g. downlighters) 8.7.2 Installed to minimise build-up of heat by use of 'fire rated rittings, insulation displacement box or similar (421.1.1) 8.7 No signs of overheating to surrounding building fabric (595.5.1) 8.7 No Signs of overheating to surrounding building fabric (59.5.1) 8.7 Recent on exceeding 30 mA (701.413.3) 8.7 Recent on exceeding 30 mA (701.413.3) 8.7 Recent of exceeding 30 mA (701.414.3) 9.1 Content to the surrounding building fabric (52.1) 9.2 Where used as a protective measure, requirements for SELV or PELV are met (701.414.6.2) 9.3 Shaver sockets comply with BS EN 61558.2-5 or BS 3535 N/A 8.7 N/A	7.3.2		N/A	Pass	
7.3.4 Functional switching (537.4.2.7) 7.4.1 Presence and condition of appropriate devices (537.5.1.1) N/A N/A 7.4.2 Correct operation verified (537.5.1.3: 537.5.2.2) N/A	7.3.3	<u> </u>	N/A	N/A	
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Acceptable Unacceptable Unacceptable Not	10.2				
condition condition recommended verified verified applicable	Acceptal	ble PASS Unacceptable C1 or C2 Improvement	C3 IN/V LIMITATION	I I I\/I	N/A

	RCUIT DETAILS pution board designation:			\	. DD				Location:		D.	. C 1	-1	
DISTILL	button board designation:			Merlir) I DB	Circ	cuit	71				front	door	11
				TO TO		condu		t time 3S767	Overcurre de	nt pr vices		v e	RCD	38767
Circuit number	Circuit desigi	nation	Type of wiring	Reference Method	Number of points served	Live	срс	ω Max disconnect time permitted by BS7671	BS(EN)	Type No	> Rating	ج Short-circuit ک Capacity	3 Operating S current	D Maximum Zs permitted by BS7671
16	Isolator 1 3 phase													
17	Isolator 1 3 phase		F	С	1	2.5	20	0.4	60898	В	20	10	N/A	2.30
18	Isolator 1 3 phase													
19	Isolator 2 3 phase													
20	Isolator 2 3 phase		F	С	1	2.5	20	0.4	60898	В	20	10	N/A	2.30
21	Isolator 2 3 phase													
22	Isolator 3 3 phase													
23	Isolator 3 3 phase		F	С	1	2.5	20	0.4	60898	В	20	10	N/A	2.30
24	Isolator 3 3 phase													
25														
Type of	Wiring O-Other:	N/A			J		J							
	ARD CHARACTERI													
	ES WHEN THE BOARD this distribution board is		CTED		E OR 11 DB	IGIN	OF TH		STALLATION No of phases:		3			
Overcuri	rent protective device distribution circuit:	BS(EN):	608	98 MC		ype C		Rating:			63 A Nom			400 V
RCD	3 3	BS(EN):		N	/A			1	No of poles:		4	Ratir	_	N/A mA
Confirma	ation of supply polarity	✓ Zs:	0.15	Ω lpf:	1.6	kA	RCD times	opera	ting At In:	N/	A ms	At 5	ōln:	N/A ms

Distribution board designation:					Mer	lin DB		Loc	ation:	By fro	By front door				
		Circuit imp	edances	(Ohms)			sulation d lower o				Maximum	RC	D Operat times	ing	
ē	Rina f	inal circuits	only		All circuits			100003	(value)		measured earth fault		times		
Circuit number	(meas	ured end to	end)	(one column to be completed)		Line/ Line	Line/ Neutral	Line/ Earth	Neutral/ Earth	Polarity	loop impedance Zs	At In	At 5 In	Test button operation	
Circu	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	MΩ	ΜΩ	MΩ	ΜΩ	~	Ω	ms	ms	Tes	
16															
17	N/A	N/A	N/A	0.16	N/A	N/A	> 200	> 200	> 200	•	0.37	N/A	N/A	N/A	
18															
19															
20	20 N/A N/A N/A 0.33 N/A N							> 200	> 200	'	0.67	N/A	N/A	N/A	
21															
22															
23	N/A	N/A	N/A	0.41	N/A	N/A	> 200	> 200	> 200	'	0.55	N/A	N/A	N/A	
24		1					1								
25		1					1								
							1								
]								
]								
]								
]								
]								
		<u></u>											<u></u>		
		OF TES				or asset	t number	s):							
Multi-functional:					u	J. 4555			de resista	nce:		N/A			
Insulation resistance: RJF					IH 2		Earth	fault loc	op impeda	ance:		RJH 1			
Continuity: RJ							RCD:				RJH3				
21 TE Name:		BY Barry Jor	206	Dociti	ion:	Ena	inoor	C	ignaturo		27	Det	· 24/0	3/2017	
ivaille.		Daily JUI	ICO	i USIL	Position: Engineer Signature: Date: 24								24/0	3/201/	

CI	RCUIT DETAILS												
Distrib	oution board designation:		MEM	DB				Location: By front				door	
					condu	cuit ictors: sa	t time S7671	Overcurre de	nt pr		/e	RCD	17978
Circuit number	Circuit designation	Type of wiring	Reference Method	Number of points served	Live	срс	ω Max disconnect time permitted by BS7671	BS(EN)	Type No	> Rating	א Short-circuit א Capacity	3 Operating Surrent	D Maximum Zs permitted by BS7671
1	Sockets left side	E	В	lim	2.5	2.5	0.4	61009	С	32	10	30	0.72
2	Spur in toilet	Е	В	lim	2.5	2.5	0.4	61009	С	16	10	30	1.44
3	Water Heater	E	В	1	2.5	2.5	0.4	61009	С	20	10	30	1.15
4	-												
5	3 Phase Heildelberg	F	С	1	2.5	20	0.4	60898	С	20	10	N/A	1.15
6	-												
7	-												
8	3 Phase Heilelberg platen	F	С	1	25	20	0.4	60898	С	20	10	N/A	1.15
9	-												
10	Sockets right side	E	В	lim	2.5	2.5	0.4	60898	С	32	10	N/A	0.72
11	Lights	E	В	lim	1.5	1.5	0.4	60898	С	6	10	N/A	3.83
12	Roller Shutter	E	В	1	2.5	2.5	0.4	60898	В	16	10	N/A	2.87
13	-												
14	Merlin DB	E	В	1	16	16	0.4	60898	С	63	10	N/A	0.36
15	-			1		1							
16	-]									
17	3 Phase proofing press	F	С	1	2.5	20	0.4	60898	С	20	10	N/A	1.15
18	-												
19													
	Wiring O-Other: N/A												
	DARD CHARACTERISTICS IES WHEN THE BOARD IS NOT CONNE	CTED	то тн	E OR	IGIN (OF TH	EINS	TALLATION					
Supply	to this distribution board is from:		Or	igin			١	No of phases:		3	Nom	inal	
for the	rent protective device distribution circuit:	31					Rating: 100 A _{Volta}			age:	400 V		
RCD	BS(EN): varion of supply polarity Zs:	PCD operati				No of poles: N/A Rating: ating At In: n/a ms At 5In:				1/A mA			
COMMITM	ZS:	U. 14	22 ibi:	1.0	NΑ	times		At In:	11/	a IIIS	AL	ווע.	1/4 1115

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TEST RESULTS Distribution board designation:						ME	MEM DB				ation:	By front door		
		Circuit imp	edances	(Ohms)		Insulation resistance (record lower or lowest value)					Maximum measured	RCD Operating times		
Circuit number	Ring final circuits only (measured end to end)			All circuits (one column to be completed)		Line/ Line	Line/ Neutral	Line/ Earth	Neutral/ Earth	Polarity	earth fault loop impedance Zs	At In	At 5 In	Test button operation
	r1 (Line)	rn (Neutral)	r2 (cpc)	R1+R2	R2	MΩ	ΜΩ	MΩ	ΜΩ	V	Ω	ms	ms	Test
1	0.29	0.29	0.26	0.38	N/A	N/A	> 200	> 200	> 200	~	0.55	18	12	•
2	N/A	N/A	N/A	0.27	N/A	N/A	> 200	> 200	> 200	/	0.39	16	9	•
3	N/A	N/A	N/A	0.22	N/A	N/A	> 200	> 200	> 200	~	0.38	21	15	•
4														
5	N/A	N/A	N/A	0.16	N/A	>200	> 200	> 200	> 200	~	0.32	N/A	N/A	N/A
6														
7														
8	N/A	N/A	N/A	0.17	N/A	>200	> 200	> 200	> 200	~	0.31	N/A	N/A	N/A
9														
10	0.41	0.41	0.38	0.44	N/A	N/A	> 200	> 200	> 200	~	0.59	N/A	N/A	N/A
11	N/A	N/A	N/A	0.76	N/A	N/A	> 200	> 200	> 200	~	0.99	N/A	N/A	N/A
12	N/A	N/A	N/A	0.30	N/A	N/A	> 200	> 200	> 200	~	0.44	N/A	N/A	N/A
13														
14	N/A	N/A	N/A	0.04	N/A	>200	> 200	> 200	> 200	~	0.15	N/A	N/A	N/A
15														
16														
17	N/A	N/A	N/A	0.50	N/A	>200	> 200	> 200	> 200	/	0.65	N/A	N/A	N/A
18														
19														
													<u></u>	
DETAILS OF TEST INSTRUMENTS														
Details of Test Instruments used (state serial and/or asset numbers): Multi-functional: u Earth electrode resistance: N/A														
Insulation resistance: RJH 2					Earth fault loop impedance:				RJH 1					

Name:	Barry Jones	Position:	Engineer	Signature:	30-	Date:	24/03/2017

RCD:

RJH 2

Continuity:

TESTED BY

RJH3

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 Condition Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in satisfactory condition for continued service (see Section 6). The Report should identify any damage, deterioration, defects and/or condition 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.

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.

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 quarterly. For safety reasons it is important that this instruction is followed.

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 the other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.

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 - Extent and Limitations on page 1.

For items classified in the observations as C1 ("Danger present"), the safety of those using the installation is at risk, and it is recommended that a competent person undertakes the necessary remedial work immediately.

For items classified in the observations as C2 ("Potentially dangerous"), the safety of those using the installation may be at risk and it is recommended that a competent person undertakes the necessary remedial work as a matter of urgency.

Where it has been stated that an observation requires further investigation the inspection has revealed an apparent deficiency which could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated as soon as possible. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency (see Section 7 - Recommendations).

For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a competent person. The recommended date by which the next inspection is due is stated on page 3 under section 9 'Next Inspection', and on a label at or near to the consumer unit / distribution board.