

ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with *British Standard 7671 – Requirements for Electrical Installations*

Contractor's Reference Number

CRN/ N/A

A. DETAILS OF THE CLIENT

Client: HML COUPE	Address: 1, Mackenzie Way Swindon Village Cheltenham Gloucestershire Postcode: GL51 9TX
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B. PURPOSE OF THE REPORT

This report must be used only for reporting on the condition of an existing installation.

Purpose for which this report is required: Landlord Report

Date(s) on which inspection and testing were carried out: 23/05/2017 -- 23/05/2017

C. DETAILS OF THE INSTALLATION

Occupier: HML COUPE	Address: 33-39 Padstow Road Swindon Wiltshire Postcode: SN2 2ED		
Estimated age of the electrical installation: 12 years	Description of premises: domestic, commercial, industrial, other (Please state) Commercial	Evidence of alterations or additions: yes	If yes, estimated age: 2 years
Date of previous inspection: Unknown	Electrical Installation Certificate No or previous Periodic Inspection or Condition Report No: No records available		
Records of installation available: no	Records held by: Unknown		

D. EXTENT OF THE INSTALLATION AND LIMITATIONS ON THE INSPECTION AND TESTING

Extent of the electrical installation covered by this report:
FIXED WIRING AND ACCESSORIES.

Agreed limitations including the reasons, if any, on the inspection and testing:
None

Agreed with: CLIENT

Operational limitations including the reasons (see page No.)
None

The inspection and testing have been carried out in accordance with BS 7671, as amended. Cables concealed within trunking and conduits, or cables and conduits concealed under floors, in inaccessible roof spaces and generally within the fabric of the building or underground, have not been visually inspected unless specifically agreed between the client and inspector prior to the inspection.

E. SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety):
THE FIXED WIRING IS IN A REASONABLE CONDITION FOR ITS AGE WITH THE EXCEPTION OF THE WIRING IN SOME OF THE LIGHT FITTINGS WHICH HAS HEAT HARDENED. THE INSTALLATION IS BEING MAINTAINED.

Summary of the condition of the installation continued on additional pages? No Yes Specify page No(s):

Overall assessment of the installation: **SATISFACTORY** *
(Delete as appropriate)

* An 'Unsatisfactory' assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified, or that further investigation without delay (FI) is required

* The completed report should preferably be reviewed by another skilled person, competent to confirm that the declared overall condition of the electrical installation is consistent with the inspection and test results, and with the observations and recommendations for action (if any) made in the report.

Original (To the person ordering the work)

NOTES FOR RECIPIENTS

THIS ELECTRICAL INSTALLATION CONDITION REPORT IS AN IMPORTANT AND VALUABLE DOCUMENT WHICH SHOULD BE RETAINED FOR FUTURE REFERENCE

The purpose of periodic inspection is to determine, so far as is reasonably practicable, whether an electrical installation is in a satisfactory condition for continued service (see Section E and G). This report provides an assessment of the condition of the electrical installation identified overleaf at the time it was inspected and tested, taking into account the stated extent of the installation and the limitations of the inspection and testing.

The report identifies any damage, deterioration, defects and/or conditions found by the inspector which may give rise to danger (see Section F), together with any items for which improvement is recommended.

If you were the person ordering this report, but not the user of the installation, you should pass this report, or a full copy of it including these notes, the schedules and additional pages (if any), immediately to the user.

This report should be retained in a safe place and shown to any person inspecting or undertaking further work on the electrical installation in the future. If you later vacate the property, this report will provide the new user with an assessment of the condition of the electrical installation at the time the periodic inspection was carried out.

Where the installation incorporates residual current devices (RCDs), there should be a notice at or near the distribution board stating that they should be tested quarterly. **FOR SAFETY REASONS, IT IS IMPORTANT THAT YOU CARRY OUT THE TEST REGULARLY.**

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 should be carried out is stated in Section I of this report. There should also be a notice at or near the consumer unit indicating when the next inspection of the installation is due.

This report has been issued in accordance with the national standard for the safety of electrical installations, British Standard 7671 (as amended) – *Requirements for Electrical Installations*.

You should have received the report marked 'Original' and the Contractor should have retained the report marked 'Duplicate'.

The report consists of at least eight numbered pages. Additional numbered pages may have been provided to permit further relevant information relating to the installation to be recorded. For installations having more than one distribution board or more circuits than can be recorded on Pages 7 and 8, one or more additional *Schedules of Circuit Details and Schedules of Test Results* should form part of the report. The report is invalid if any of the pages identified in Section H are missing.

This report form is intended to be issued only for the purpose of reporting on the condition of an existing electrical installation. The report should identify, so far as is reasonably practicable and having regard to the extent and limitations recorded in Section D, any damage, deterioration, defects, dangerous conditions and any non-compliances with the requirements of the national standard for the safety of electrical installations which may give rise to danger, together with any items for which improvement is recommended.

The report should not have been issued to certify that new electrical installation work complies with the requirements of the national safety standard. An 'Electrical Installation Certificate', a 'Domestic Electrical Installation Certificate' or a 'Minor Electrical Installation Works Certificate' (as appropriate) should be issued for the certification of new installation work.

This report should not have been issued for an electrical installation in a potentially explosive atmosphere (hazardous area)

continued on the reverse of page 3

GUIDANCE FOR RECIPIENTS ON THE CLASSIFICATION CODES

Only one Classification code should have been given for each recorded observation.

Classification code C1 (*Danger present*)

Where an observation has been given a Classification code C1, the safety of those using the installation is at risk and immediate remedial action is required.

The person responsible for the maintenance of the installation is advised to take action without delay to remedy the observed deficiency in the installation, or to take other appropriate action (such as switching off and isolating the affected part(s) of the installation) to remove the danger. The contractor issuing this report will be able to provide further advice.

Classification code C2 (*Potentially dangerous*)

Classification code C2 indicates that, whilst those using the installation may not be at immediate risk, **urgent remedial action is required to remove potential danger.** The contractor issuing this report will be able to provide further advice.

Classification code C3 (*Improvement recommended*)

Where an observation has been given a Classification code C3, the inspection and/or testing has revealed a non-compliance with the current safety standard which, whilst not presenting immediate or potential danger, would result in a significant safety improvement if remedied. Careful consideration should be given to the safety benefits of improving these aspects of the installation. The contractor issuing this report will be able to provide further advice.

It is important to note that the recommendation given at Section I of this report (Next Inspection) for the maximum interval until the next inspection is conditional upon all items which have been given a Classification code C1 and code C2 being remedied immediately and as a matter of urgency, respectively.

It would not be reasonable for the inspector to indicate that the installation is in a satisfactory condition if any observation in this report has been given a code C1 or code C2 classification.

Code FI (*Further investigation required without delay*)

It should usually be possible for the inspector to attribute a Classification code to each observation without indicating a need for further investigation.

However, where 'FI' has been entered against an observation the inspector considers that further investigation of that observation is likely to reveal danger or potential danger that, due to the agreed extent or limitations of the inspection and/or testing, could not be fully identified at the time.

It would not be appropriate for the inspector to indicate that the installation is in a satisfactory condition if there is reasonable doubt as to whether danger or potential danger exists. Consequently, where the inspector has indicated 'Further investigation required without delay' (FI) the overall assessment of the installation (Section E) should be marked as 'Unsatisfactory'.

If the inspector has indicated that an observation requires further investigation without delay, the person ordering this report is advised to arrange for the contractor issuing the report (or another skilled person or persons competent in such work) to undertake further examination of that aspect of the installation as a matter of urgency, to determine whether danger or potential danger exists.

Further information

Further information on the application of Classification codes, primarily aimed at inspectors but of possible interest to persons ordering condition reports, can be found in Electrical Safety First's Best Practice Guide entitled *Electrical installation condition reporting: Classification Codes for domestic and similar electrical installations*. The guide can be viewed or downloaded free of charge from www.electricalsafetyfirst.org.uk

NOTES FOR RECIPIENTS (continued from the reverse of page 1)

Section D (*Extent and limitations*) should identify fully the extent of the installation covered by this report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out. Some operational limitations may have been encountered during the inspection such as inability to gain access to parts of the installation or to an item of equipment. The inspector should have noted any such limitations in Section D. It should be noted that the greater the limitations applying to a report, the less its value from the safety aspect.

A declaration of the overall condition of the installation should have been given by the inspector in Section G of the report. The declaration must reflect the statement given in Section E, which summarises the observations and recommendations made in Section F. Where one or more observations have been made in Section F, the Classification code given to each by the inspector indicates the degree of urgency with which remedial action needs to be taken to restore the installation to a safe working condition.

Where the inspector has indicated an observation as code C1 (*danger present*) the safety of those using the installation is at risk, and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work immediately.

Where the inspector has indicated an observation as code C2 (*potentially dangerous*) the safety of those using the installation may be at risk, and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.

Where the inspector has indicated that an item requires further investigation (FI), the investigation should be carried out without delay to determine whether danger or potential danger exists. For further guidance on the Classification codes, please see the reverse of page 2.

Where the installation can be supplied by more than one source, such as the public supply and a standby generator or microgenerator, the number of sources should have been recorded in Section K *Supply Characteristics and Earthing Arrangements* on page 3 of the report, and the *Schedule of Test Results* compiled accordingly.

Where inadequacies in the electricity distributor's or supplier's equipment have been observed (Section 1 of the inspection schedule), the person ordering the inspection should inform the distributor and/or supplier as appropriate.

Should the person ordering this report have reason to believe that it does not reasonably reflect the condition of the electrical installation reported on, that person should in the first instance raise the specific concerns in writing with the contractor.

ELECTRICAL INSTALLATION CONDITION REPORT

Original (To the person ordering the work)

H. SCHEDULES AND ADDITIONAL PAGES

Inspection Schedule: Page(s) No 4, 5, 6

Additional pages, including additional source(s) data sheets:

Page No(s)

Schedule of Circuit Details for the Installation: Page No(s) 79

Schedule of Test Results for the Installation: Page No(s) 810

The pages identified are an essential part of this report. The report is valid only if accompanied by all the schedules and additional pages identified above.

I. NEXT INSPECTION

I/We recommend that this installation is further inspected and tested after an interval of not more than 10

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

provided that any items at F 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 FI (further investigation required without delay) 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 F).

J. DETAILS OF CONTRACTOR

Trading title: Enlan Ltd

Address: Leaze Barn Hook St
Tregoze
SWINDON

Telephone number: 01793 877677

Email address: office@enlan.co.uk

Postcode: SN5 3NY

K. SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type(s)	Number and type of live conductors						Nature of supply parameters				Characteristics of primary supply overcurrent protective device(s)		
	a.c.	a.c.		d.c.	d.c.		Nominal voltage(s), U ⁽¹⁾	V	U _o ⁽¹⁾	V	BS(EN)	1361	
TN-S	N/A						400		230				
TN-CS	✓	1-phase (2-wire)	1-phase (3-wire)	N/A	2-pole	✓	50	Hz	Notes: (1) by enquiry (2) by enquiry or by measurement (3) where more than one supply, record the higher or highest values (4) by measurement				
TN-C	N/A	2-phase (3-wire)	N/A		3-pole	N/A	Prospective fault current, I _{pf} ⁽²⁾⁽³⁾	16	kA		Rated current	100	A
TT	N/A	3-phase (3-wire)	N/A	3-phase (4-wire)	N/A	other	External earth fault loop impedance, Z _s ⁽³⁾⁽⁴⁾	0.35	Ω		Short-circuit capacity	16	kA
IT	N/A	Other	Please state	N/A			Number of sources	1			Confirmation of supply polarity	✓	(✓)

L. PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of earthing				Details of installation earth electrode (where applicable)						
Distributor's facility:	✓	Type: (eg rod(s), tape(s) etc)	N/A	Location:	N/A					
Installation earth electrode:	N/A	Electrode resistance, R _A :	N/A	(Ω) Method of measurement:	N/A					
Main Switch/Switch-Fuse/Circuit-Breaker/ RCD				Earthing and protective bonding conductors						
Type: BS(EN)	60947-3	Voltage rating	400	V	Earthing conductor		Main protective bonding conductors		Bonding of extraneous-conductive-parts (✓)	
No of poles	2	Rated current, I _n	100	A	Conductor material	copper		Conductor material	N/A	
Primary supply conductors: material	copper	RCD operating current, I _{Δn} *	N/A	mA	Conductor csa	16	mm ²	Conductor csa	mm ²	
Primary supply conductors: csa	25	Rated time delay*	N/A	ms	Connection/continuity verified	✓ (✓)		Connection/continuity verified	N/A (✓)	
		RCD operating time (at I _{Δn})*	N/A	ms						
* (applicable only where an RCD is suitable and is used as a main circuit-breaker)										
		Water installation pipes	N/A	Lightning protection	N/A					
		Oil installation pipes	N/A	Structural steel	N/A					
		Gas installation pipes	N/A	Other	N/A					

ELECTRICAL INSTALLATION CONDITION REPORT

INSPECTION SCHEDULE FOR DISTRIBUTION BOARDS AND CIRCUITS

Item	Description	Outcome*	Location reference
1.0	Condition/adequacy of distributor's/supply intake equipment[†]		
1.1	Service cable	✓	
1.2	Service head	✓	
1.3	Distributor's earthing arrangement(s)	✓	
1.4	Meter tails – Distributor/ Consumer	✓	
1.5	Metering equipment	✓	
1.6	Means of main isolation (<i>where present</i>)	✓	
2.0	Presence of adequate arrangements for parallel or switched alternative sources		
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply	N/A	
2.2	Adequate arrangements where a generating set operates in parallel with the public supply	N/A	
3.0	Automatic disconnection of supply		
3.1	Main earthing and bonding arrangements		
	• Presence and condition of distributor's earthing arrangement	✓	
	• Presence and condition of earth electrode arrangement	N/A	
	• Adequacy of earthing conductor size	✓	
	• Adequacy of earthing conductor connections	✓	
	• Accessibility of earthing conductor connections	✓	
	• Adequacy of main protective bonding conductor size(s)	N/A	
	• Adequacy of main protective bonding conductor connections	N/A	
	• Accessibility of main protective bonding connections	N/A	
	• Accessibility and condition of other protective bonding connections	N/A	
	• Provision of earthing/bonding labels at all appropriate locations	✓	
3.2	FELV		
	• Source providing at least simple separation	N/A	
	• Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises	N/A	
3.3	Reduced low voltage		
	• Adequacy of source	✓	
	• Plugs, socket-outlets and the like not interchangeable with those of other systems within the premises	N/A	
4.0	Other methods of protection (<i>where the methods of protection listed below are employed, details should be provided on separate sheets</i>)		
4.1	Double insulation	N/A	
4.2	Reinforced insulation	N/A	
4.3	Use of obstacles	N/A	
4.4	Placing out of reach	N/A	
4.5	Non-conducting location	N/A	
4.6	Earth-free local equipotential bonding	N/A	
4.7	Electrical separation for more than one item of equipment	N/A	
5.0	Distribution equipment		
5.1	Adequacy of working space/accessibility of equipment	✓	
5.2	Security of fixing	✓	
5.3	Condition of insulation of live parts	✓	
5.4	Adequacy/security of barriers	✓	
5.5	Condition of enclosure(s) in terms of IP rating	C3	CONSUMER UNIT
5.6	Condition of enclosure(s) in terms of fire rating	C3	CONSUMER UNIT
5.7	Enclosure not damaged/deteriorated so as to impair safety	✓	
5.8	Presence of main switch(es), linked where required	✓	
5.9	Operation of main switch(es) (<i>functional check</i>)	✓	
5.10	Correct identification of circuit protective devices	✓	
5.11	Adequacy of protective devices for prospective fault current	✓	
5.12	RCD(s) provided for fault protection – includes RCBOs	✓	
5.13	RCD(s) provided for additional protection – includes RCBOs	C3	CIRCUITS 1&2

* All Outcome boxes must be completed.

✓ indicates Acceptable condition
 'LIM' indicates a Limitation
 'N/A' indicates Not applicable

Unacceptable condition state C1 or C2
 Improvement recommended state C3
 Further investigation required without delay state F1
 (to determine whether danger or potential danger exists)

Outcome
 Provide additional comment where appropriate on attached numbered sheets. C1, C2, C3 and F1 coded items to be recorded in Section F of the report.

[†] Where inadequacies in distributor's equipment are encountered, it is recommended that the person ordering the report informs the appropriate authority.

ELECTRICAL INSTALLATION CONDITION REPORT

INSPECTION SCHEDULE FOR DISTRIBUTION BOARDS AND CIRCUITS

Item	Description	Outcome*	Location reference
5.14	RCD(s) provided for protection against fire – includes RCBOs	✓	
5.15	Manual operation of circuit-breakers and RCDs to prove disconnection	✓	
5.16	Presence of RCD retest notice at or near equipment where required	✓	
5.17	Presence of diagrams, charts or schedules at or near equipment, where required	✓	
5.18	Presence of non-standard (mixed) cable colour warning notice at or near equipment where required	N/A	
5.19	Presence of alternative/additional supply arrangement warning notice(s) at or near equipment where required	N/A	
5.20	Presence of replacement next inspection recommendation label	✓	
5.21	Presence of other required labelling (<i>specify</i>)	✓	
5.22	Examination of protective device(s) and base(s); correct type and rating (<i>no signs of unacceptable thermal damage, arcing or overheating</i>)	✓	
5.23	Single-pole switching or protective devices in line conductors only	✓	
5.24	Protection against mechanical damage where cables enter equipment	✓	
5.25	Protection against electromagnetic effects where cables enter metallic enclosures	✓	
6.0	Distribution/final circuits		
6.1	Identification of conductors	✓	
6.2	Cables correctly supported throughout their length	C3	ELECTRIC CUPBOARD
6.3	Condition of insulation of live parts	✓	
6.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking	N/A	
6.5	Suitability of containment systems for continued use (<i>including flexible conduit</i>)	N/A	
6.6	Cables correctly terminated in enclosures (<i>indicate extent of sampling in Section D of report</i>)	✓	
6.7	Confirmation of indication that SPD(s) are functional	N/A	
6.8	Confirmation that ALL conductor connections, including connections to busbars are correctly located in terminals and are tight and secure	✓	
6.9	Examination of cables for signs of unacceptable thermal and mechanical damage/deterioration	C3	LIGHTING CIRCUIT
6.10	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation	✓	
6.11	Adequacy of protective devices; type and rated current for fault protection	✓	
6.12	Presence and adequacy of circuit protective conductors	✓	
6.13	Co-ordination between conductors and overload protective devices	✓	
6.14	Cable installation methods/practices appropriate to the type and nature of installation and external influences	✓	
6.15	Cables where exposed to direct sunlight, of a suitable type	✓	
6.16	Cables installed under floors, above ceilings, in walls / partitions, adequately protected against damage		
	• Installed in prescribed zones (see Section D. Extent and limitations)	✓	
	• Incorporating earthed armour or sheath, or installed within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section D. Extent and limitations)	✓	
6.17	Provision of additional protection by 30 mA RCD		
	• †For mobile equipment not exceeding a rating of 32 A for use outdoors	✓	
	• †For all socket-outlets of rating 20 A or less, unless exempt	✓	
	• †For cables installed in walls / partitions at a depth of less than 50 mm	C3	CIRCUITS 1&2
	• †For cables installed in walls / partitions containing metal parts regardless of depth	✓	
6.18	Provision of fire barriers, sealing arrangements and protection against thermal effects	✓	
6.19	Band II cables segregated/separated from Band I cables	✓	
6.20	Cables segregated/separated from non-electrical services	✓	
6.21	Termination of cables at enclosures (<i>identify numbers and locations of items inspected in Section D</i>)		
	• Connections under no undue strain	✓	
	• No basic insulation of a conductor visible outside an enclosure	✓	
	• Connections of live conductors adequately enclosed	✓	
	• Adequacy of connection at point of entry to enclosure (<i>gland, bush or similar</i>)	✓	
6.22	General condition of wiring systems	✓	
6.23	Temperature rating of cable insulation	✓	
6.24	Condition of accessories including socket-outlets, switches and joint boxes	✓	
6.25	Suitability of accessories for external influences	✓	
6.26	Single-pole switching or protective devices in line conductors only	✓	
6.27	Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment – identify /record numbers and locations of items inspected	✓	

† Note: Older installations designed prior to BS 7671:2008 may not have been provided with RCDs for additional protection

* All Outcome boxes must be completed.

✓ indicates Acceptable condition

‘LIM’ indicates a Limitation

‘N/A’ indicates Not applicable

Unacceptable condition state C1 or C2

Improvement recommended state C3

Further investigation required without delay state FI

(to determine whether danger or potential danger exists)

Outcome

Provide additional comment where appropriate on attached numbered sheets. C1, C2, C3 and FI coded items to be recorded in Section F of the report. Page 5 of

ELECTRICAL INSTALLATION CONDITION REPORT

INSPECTION SCHEDULE FOR DISTRIBUTION BOARDS AND CIRCUITS

Item	Description	Outcome*	Location reference
7.0	Isolation and switching		
7.1	Isolators		
	• Presence and condition of appropriate devices	✓	
	• Acceptable location (state if local or remote)	✓	
	• Capable of being secured in the OFF position	✓	
	• Correct operation verified	✓	
	• Clearly identified by position and/or durable marking(s)	✓	
	• Warning label posted in situations where live parts cannot be isolated by the operation of a single device	N/A	
7.2	Switching off for mechanical maintenance		
	• Presence and condition of appropriate devices	✓	
	• Acceptable location	✓	
	• Capable of being secured in the OFF position	✓	
	• Correct operation verified	✓	
	• Clearly identified by position and/or durable marking(s)	✓	
7.3	Emergency switching/stopping		
	• Presence and condition of appropriate devices	N/A	
	• Readily accessible for operation where danger might occur	N/A	
	• Correct operation verified	N/A	
	• Clearly identified by position and/or durable marking(s)	N/A	
7.4	Functional switching		
	• Presence and condition of appropriate devices	✓	
	• Correct operation verified	✓	
8.0	Current-using equipment (<i>permanently connected</i>)		
8.1	Condition of equipment in terms of IP rating	✓	
8.2	Equipment does not constitute a fire hazard	✓	
8.3	Enclosure not damaged/deteriorated so as to impair safety	✓	
8.4	Suitability for the environment and external influences	✓	
8.5	Security of fixing	✓	
8.6	Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire (<i>indicate extent of sampling in Section D of report</i>)	✓	
8.7	Recessed luminaires (e.g. downlighters)		
	• Correct type of lamps fitted	N/A	
	• Installed to minimise build-up of heat by use of "fire rated" fittings, insulation displacement box or similar	N/A	
	• No signs of overheating to surrounding building fabric	N/A	
	• No signs of overheating to conductors/terminations	N/A	
9.0	Location(s) containing a bath or shower		
9.1	Additional protection by RCD not exceeding 30 mA		
	• For low voltage circuits serving the location	N/A	
	• For low voltage circuits passing through Zone 1 and Zone 2 not serving the location	N/A	
9.2	Where used as a protective measure, requirements for SELV or PELV are met	N/A	
9.3	Shaver sockets comply with BS EN 61558-2-5 or BS 3535	N/A	
9.4	Presence of supplementary bonding conductors unless not required by BS 7671: 2008	N/A	
9.5	Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from zone 1	N/A	
9.6	Suitability of equipment for external influences for installed location in terms of IP rating	N/A	
9.7	Suitability of equipment for installation in a particular zone	N/A	
9.8	Suitability of current-using equipment for a particular position within the location	N/A	
10.0	Other special installations or locations		
	List special locations present, if any. List the results of particular inspections applied (a separate page is required for each location).	N/A	

* All Outcome boxes must be completed.

✓ indicates Acceptable condition

'LIM' indicates a Limitation

'N/A' indicates Not applicable

Unacceptable condition state C1 or C2

Improvement recommended state C3

Further investigation required without delay state F1

(to determine whether danger or potential danger exists)

Outcome

Provide additional comment where appropriate on attached numbered sheets. C1, C2, C3 and F1 coded items to be recorded in Section F of the report.

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SCHEDULE OF TEST RESULTS FOR THE PRIMARY DISTRIBUTION BOARD

Original (To the person ordering the work)

<p>TO BE COMPLETED ONLY IF THE DISTRIBUTION BOARD IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION</p> <p style="text-align: center;">Characteristics at this distribution board</p> <p style="text-align: center;">✓ Confirmation of supply polarity</p> <p><small>* See note below</small></p> <p>Z_s * 0.13 Ω Operating times of associated RCD (if any) At $I_{\Delta n}$ N/A ms</p> <p>I_{pf} * 1.73 kA RCD (if any) At $5I_{\Delta n}$ (if applicable) N/A ms</p> <p>Phase sequence confirmed (where appropriate) N/A (✓)</p>	<p style="text-align: center;">Test instruments (serial numbers) used:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Earth fault loop impedance</td> <td style="width: 30%; text-align: center;">—</td> <td style="width: 30%;">RCD</td> <td style="width: 10%; text-align: center;">—</td> </tr> <tr> <td>Insulation resistance</td> <td style="text-align: center;">—</td> <td>Multi function</td> <td style="text-align: center;">MFT 1710 1002395101464599</td> </tr> <tr> <td>Continuity</td> <td style="text-align: center;">—</td> <td>Other</td> <td style="text-align: center;">—</td> </tr> </table>	Earth fault loop impedance	—	RCD	—	Insulation resistance	—	Multi function	MFT 1710 1002395101464599	Continuity	—	Other	—
Earth fault loop impedance	—	RCD	—										
Insulation resistance	—	Multi function	MFT 1710 1002395101464599										
Continuity	—	Other	—										

TEST RESULTS														
Circuit number and line	Circuit impedances (Ω)					Insulation resistance <small>Record lower or lowest value</small>				Polarity (✓)	Maximum measured earth fault loop impedance, Z_s (Ω)	RCD		
	Ring final circuits only (measured end to end)			All circuits (At least one column to be completed)		Line/Line	Line/Neutral	Line/Earth	Neutral/Earth			Operating times		Test button operation (✓)
	r_1 (Line)	r_n (Neutral)	r_2 (cpc)	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(MΩ)	(MΩ)			at $I_{\Delta n}$ (ms)	at $5I_{\Delta n}$ (if applicable) (ms)	
	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(MΩ)	(MΩ)			(ms)	(ms)	
1	N/A	N/A	N/A	0.70	N/A	N/A	299	299	299	✓	0.84	N/A	N/A	N/A
2	N/A	N/A	N/A	1.73	N/A	N/A	LIM	299	299	✓	1.85	N/A	N/A	N/A
3														
4														
5														
6														
7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓		19.3	16.1	✓
8	N/A	N/A	N/A	0.16	N/A	N/A	299	299	299	✓	0.29	19.3	16.1	✓
9	N/A	N/A	N/A	0.50	N/A	N/A	LIM	299	299	✓	0.61	19.3	16.1	N/A
10														
11														
12														

* Note: Where the installation can be supplied by more than one source, such as a primary source (e.g. public supply) and a secondary source (e.g. standby generator), the higher or highest values must be recorded.

TESTED BY

Signature: D. F. Moulding
 Name: (CAPITALS) DAVE MOULDING

Position: ELECTRICIAN
 Date of testing: 23/05/2017

See previous page for Schedule of Circuit Details