

# DOMESTIC ELECTRICAL INSTALLATION PERIODIC INSPECTION REPORT (FOR A SINGLE DWELLING)

Issued in accordance with British Standard 7671 – Requirements for Electrical Installations by an Approved Contractor or Conforming Body enrolled with NICEIC, Warwick House, Houghton Hall Park, Houghton Regis, Dunstable LU5 5ZK.

Original (to the person ordering the work)

**A DETAILS OF THE CLIENT**

Client/  
Address: *Central Properties  
100 Birchfield Rd  
Fallowfield  
Manchester*

**B ADDRESS AND DETAILS OF THE INSTALLATION**

Address: *18 ESTON STREET  
Manchester/LANC'S  
M13 0FF*

Estimated age of the electrical installation: *30* years

Evidence of alterations or additions: *N/A* If yes, estimated age: *N/A* years

Date of previous inspection: *8/4/06* Electrical Installation Certificate number or previous Periodic Inspection Report number: *0923862*

Records of installation available: *yes* Records held by: *Central Properties*

**C PURPOSE OF THE REPORT** † (see note below)

Purpose for which this report is required: *Landlord's Electrical Report*

**D EXTENT OF THE INSTALLATION AND LIMITATIONS OF THE INSPECTION AND TESTING** ‡ (see note below)


Extent of the electrical installation covered by this report: *Electrical Circuits*

Agreed limitations (including the reasons), if any, on the inspection and testing: *No insulation Resistance testing between live conductors*

**E PARTICULARS OF THE APPROVED CONTRACTOR**

Trading Title: *P.D.M ELECTRICAL*

Address: *29 Swinton Crescent  
Bury*



Postcode: *BL9 8PA*

NICEIC Enrolment No (Essential information): *503198* Branch No: (if applicable) *000*

**F 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 (see B), 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 G) and the attached schedules (see K and L), provides an accurate assessment of the condition of the electrical installation taking into account the stated extent of the installation and the limitations of the inspection and testing (see D).

I/We further declare that in my/our judgement, the said installation was overall in *Satisfactory* condition (see H) at the time the inspection was carried out, and that it should be further inspected as recommended (see I).

\* (Insert 'a satisfactory' or 'an unsatisfactory', as appropriate)

INSPECTION, TESTING AND ASSESSMENT BY:

Signature: *[Signature]*

Name: (CAPITALS) *P. D. MASSEY*

Position: *Electrician*

Date: *20/10/2011*

REPORT REVIEWED AND CONFIRMED BY: \*See note below

Signature: *[Signature]*

Name: (CAPITALS) *P. D. MASSEY*

(Registered Qualified Supervisor for the Approved Contractor at E)

Date: *20/10/2011*

† This Domestic Periodic Inspection Report must be used only for reporting on the condition of an existing installation.

‡ 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.

\* This Domestic Periodic Inspection Report should be reviewed and confirmed by the registered Qualified Supervisor of the Approved Contractor responsible for issuing it.

Please see the 'Notes for Recipients' on the reverse of this page.



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Original (To the person ordering the work)

J SUPPLY CHARACTERISTICS, EARTHING AND BONDING ARRANGEMENTS				Enter details, as appropriate		Means of Earthing		Earthing and Protective Bonding Conductors			
Supply Characteristics		No. and type of live conductors (✓)	System Type(s) (✓)	Characteristics of Primary Supply Overcurrent Protective Device(s)		Main Switch or Circuit-Breaker		Earthing conductor		Main protective bonding conductors	
Nominal voltage: U <sup>(1)</sup>	230 V	1-phase (2wire) ✓	TNS ✓	BS(EN) ?	Type: BS(EN) ?	Voltage rating 240 V	Distributor's facility: ✓	Conductor material copper	Conductor material copper		
Nominal voltage: U <sub>o</sub> <sup>(1)</sup>	230 V	1-phase (3wire) ✓	TN-CS ✓	Type Fluvent	No of Poles 2	Rated current, I <sub>n</sub> 63 A	Installation earth electrode: NA	Conductor csa 6 mm <sup>2</sup>	Conductor csa 6 mm <sup>2</sup>		
Nominal frequency, f <sup>(1)</sup>	50 Hz	3-phase (3wire) ✓	TT ✓	Rated current 60 A	Supply conductors material copper	RCD operating current, I <sub>Δn</sub> * 30 mA	Type: NA (leg rod(s), tape etc)	Continuity check ✓	Continuity check ✓		
Prospective fault current, I <sub>p</sub> <sup>(2)</sup>	8.99 kA	3-phase (4wire) ✓		Short-circuit capacity 33 kA	Supply conductors csa 16 mm <sup>2</sup>	RCD operating time (at I <sub>Δn</sub> )* 22 ms	Electrode resistance, R <sub>A</sub> : NA (Ω)	Bonding of extraneous-conductive-parts (✓)			
External earth fault loop impedance, Z <sub>e</sub> <sup>(3)</sup>	0.26 Ω	Other (please state)						Water service	Gas service ✓	Lightning protection	
Notes:								Oil service	Structural steel	Other incoming service(s)	
(1) by enquiry											
(2) by enquiry or by measurement											
(3) by measurement											

\* (applicable only where an RCD is used as a main circuit-breaker)

K SCHEDULE OF ITEMS INSPECTED	See note below	Additional protection	Cables and conductors (cont)	L SCHEDULE OF ITEMS TESTED
<b>Protective measures against electric shock</b>		<ul style="list-style-type: none"> <li>✓ Presence of residual current device(s)</li> <li>✗ Presence of supplementary bonding conductors</li> </ul>	<ul style="list-style-type: none"> <li>NA Routing of cables in prescribed zones</li> <li>NA Cables incorporating earthed armour or sheath or run in an earthed wiring system, or otherwise protected against nails, screws and the like</li> <li>✓ Additional protection by 30mA RCD (where required, in premises not under the supervision of skilled or instructed persons)</li> <li>✓ Connection of conductors</li> <li>NA Presence of fire barriers, suitable seals and protection against thermal effects</li> </ul>	<ul style="list-style-type: none"> <li>✓ External earth fault loop impedance, Z<sub>e</sub></li> <li>NA Installation earth electrode resistance, R<sub>A</sub></li> <li>✓ Continuity of protective conductors</li> <li>✓ Continuity of ring final circuit conductors</li> <li>NA Insulation resistance between live conductors</li> <li>✓ Insulation resistance between live conductors and earth</li> <li>✓ Polarity</li> <li>✓ Earth fault loop impedance, Z<sub>e</sub></li> <li>NA Verification of phase sequence</li> <li>✓ Operation of residual current device(s)</li> <li>✓ Functional testing of assemblies</li> <li>✓ Verification of voltage drop</li> </ul>
<b>Basic and fault protection</b>		<b>Prevention of mutual detrimental influence</b>	<b>General</b>	
<ul style="list-style-type: none"> <li>Extra low voltage NA SELV</li> <li>Double or reinforced insulation NA</li> <li>NA Double or reinforced insulation</li> </ul>		<ul style="list-style-type: none"> <li>NA Proximity of non-electrical services and other influences</li> <li>NA Segregation of Band I and Band II circuits or Band II insulation used</li> <li>NA Segregation of safety circuits</li> </ul>	<ul style="list-style-type: none"> <li>✓ Presence and correct location of appropriate devices for isolation and switching</li> <li>✓ Adequacy of access to switchgear and other equipment</li> <li>✓ Particular protective measures for special installations and locations</li> <li>✓ Connection of single-pole devices for protection or switching in line conductors only</li> <li>✓ Correct connection of accessories and equipment</li> <li>✓ Selection of equipment and protective measures appropriate to external influences</li> <li>✓ Selection of appropriate functional switching devices</li> </ul>	
<b>Basic protection</b>		<b>Identification</b>		
<ul style="list-style-type: none"> <li>✓ Insulation of live parts</li> <li>✓ Barriers or enclosures</li> </ul>		<ul style="list-style-type: none"> <li>✓ Presence of diagrams, instructions, circuit charts and similar information</li> <li>✓ Presence of danger notices</li> <li>✓ Presence of other warning notices, including presence of mixed wiring colours</li> <li>✓ Labelling of protective devices, switches and terminals</li> <li>✓ Identification of conductors</li> </ul>		
<b>Fault protection</b>		<b>Cables and conductors</b>		
<ul style="list-style-type: none"> <li>Automatic disconnection of supply</li> <li>✓ Presence of earthing conductor</li> <li>✓ Presence of circuit protective conductors</li> <li>✓ Presence of main protective bonding conductors</li> <li>✓ Choice and setting of protective devices (for fault protection and/or overcurrent)</li> </ul>		<ul style="list-style-type: none"> <li>✓ Selection of conductors for current carrying capacity and voltage drop</li> <li>✓ Erection methods</li> </ul>		
<b>Electrical separation</b>				
<ul style="list-style-type: none"> <li>NA For one item of current-using equipment</li> </ul>				

† See note below

† All boxes must be completed. '✓' indicates that an inspection or a test was carried out and that the result was satisfactory. '✗' indicates that an inspection or a test was carried out and that the result was unsatisfactory. 'NA' indicates that an inspection or a test was not applicable to the particular installation. 'LIM' indicates that, exceptionally, a limitation agreed with the person ordering the work (as recorded in Section D) prevented the inspection or test being carried out.

