

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT

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 5ZX.

A. DETAILS OF THE CLIENT

Client: Mr Paul Marsden

Address: 11 Gaddum Road
Didsbury
Manchester

Postcode: M20 6SY

B. PURPOSE OF THE REPORT

Purpose for which this report is required: Client Request

Date(s) on which inspection and testing were carried out: 4/10/2013

C. DETAILS OF THE INSTALLATION

Occupier: Not Known

Address: 55 Furness Road
Fallowfield
Manchester

Postcode: M14 6LX

Estimated age of the electrical installation: 20 years

Evidence of alterations or additions:

If yes, estimated age: 5 years

Date of previous inspection: 18/12/07

Electrical Installation Certificate No or previous Periodic Inspection or Condition Report No: DCP3/0413254

Records of installation available:

Records held by: Client

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

Extent of the electrical installation covered by this report:
All circuits

Agreed limitations (including the reasons), if any, on the inspection and testing:

Agreed with:

Operational limitations including the reasons (see page No.)

No access to main overcurrent device so details not available+ insulation resistance readings between live conductors not taken due to connected appliances.

The inspection has 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.

E. SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety):
The installation is wired in PVC with plastic accessories and complies with BS7671 2004.

Summary of the condition of the installation continued on additional pages? No Yes Specify page

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

An 'Unsatisfactory' assessment indicates that dangerous and/or potentially dangerous conditions have been identified

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I. 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 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 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 F)

J. DETAILS OF NICEIC APPROVED CONTRACTOR

Trading Title: Hi-Spec Electrical Services Ltd

Address: 169 Gatley Road
Gatley
Cheadle
Cheshire

Postcode: SK8 4BB

Telephone number: 07445 815771

Email Address: hispeelec@gmail.com

Enrolment number: 502387000

(Essential information)
Branch number:
(if applicable)



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)
TN-S <input checked="" type="checkbox"/>	a.c. <input checked="" type="checkbox"/>	Nominal Voltage(s): $U^{(1)}$ 230 V $U_0^{(1)}$ 230 V	BS(EN) LIM
TN-C-S N/A	1-phase (2 wire) <input checked="" type="checkbox"/> 1-phase (3 wire) N/A	Nominal frequency, $f^{(1)}$ 50 Hz	Type LIM
TT N/A	2-phase (3 wire) N/A	Prospective fault current, $I_{pf}^{(2)(3)}$ 1.58 kA	Rated current LIM A
	3-phase (3 wire) N/A 3-phase (4 wire) N/A	External earth fault loop impedance, $Z_e^{(2)(3)}$ 0.18 Ω	Short-circuit capacity LIM kA
Other (please state)		Notes: (1) by enquiry (2) by enquiry or by measurement (3) where more than one source, record the higher or highest value (4) by measurement	Confirmation of supply polarity <input checked="" type="checkbox"/> <input type="checkbox"/>

L. PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of Earthing		Details of Installation Earth Electrode (where applicable)	
Distributor's facility: <input checked="" type="checkbox"/>	Type: (eg rod(s), tape etc)	Location:	
Installation earth electrode: N/A	Electrode resistance, R_A : (Ω)	Method of measurement:	

Main Switch or Circuit-Breaker		Earthing and protective bonding conductors		Bonding of extraneous-conductive-parts (✓)	
Type: BS(EN)	BS EN 60947- Voltage rating 230 V	Earthing conductor	Main protective bonding conductors	Water service	Gas Service
No of Poles	2 Rated current, I_n 100 A	Conductor material	Copper	Oil service	Structural steel
Primary supply conductors material	Copper RCD operating current, $I_{\Delta n}$ mA	Conductor csa	16.0	Lightning protection	Other incoming service(s)
Primary supply conductors csa	25.0 mm ² Rated time delay ms	Connection/continuity verified	<input checked="" type="checkbox"/> (✓) mm ²	Specify	
	RCD operating time (at $I_{\Delta n}$) ms				

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

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SCHEDULE OF INSPECTIONS

Item	Description	Outcome *	Location reference
1.0 Condition/adequacy of distributor's/supply intake equipment			
1.1	Service cable	✓	
1.2	Service cut-out/fuse(s)	✓	
1.3	Meter tails - distributor	✓	
1.4	Meter tails - consumer	✓	
1.5	Metering equipment	✓	
1.6	Means of main isolation (where present)	N/A	
2.0	Presence of adequate arrangements for other sources (microgenerators etc)	N/A	
3.0 Earthing and bonding arrangements			
3.1	Presence and condition of distributor's earthing arrangement	✓	
3.2	Presence and condition of earth electrode connection	N/A	
3.3	Confirmation of adequate earthing conductor size	✓	
3.4	Accessibility and condition of earthing conductor at Main Earthing Terminal (MET)	✓	
3.5	Confirmation of adequate main protective bonding conductor sizes	✓	
3.6	Condition and accessibility of main protective bonding conductor connections	✓	
3.7	Provision of earthing and bonding labels at all appropriate locations	✓	

Item	Description	Outcome *	Location reference
4.0 Consumer unit(s)			
4.1	Adequacy of working space or access to consumer unit	✓	
4.2	Security of fixing	✓	
4.3	Condition of enclosure(s) in terms of IP rating	✓	
4.4	Condition of enclosure(s) in terms of fire rating	✓	
4.5	Enclosure not damaged/deteriorated so as to impair safety	✓	
4.6	Presence of linked main switch	✓	
4.7	Operation of main switch (functional check)	✓	
4.8	Manual operation of circuit-breakers and RCDs to prove disconnection	✓	
4.9	Correct identification of circuits and protective devices	✓	
4.10	Presence of RCD test notice at or near consumer unit	✓	
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit	✓	
4.12	Presence of alternative supply warning notice at or near consumer unit	N/A	
4.13	Presence of replacement next inspection recommendation label	✓	
4.14	Presence of other required labelling (please specify)	N/A	
4.15	Examination of protective device(s) and base(s); correct type and rating (no signs of unacceptable thermal damage, arcing or overheating)	✓	
4.16	Single-pole protective devices in the line conductor only	✓	

* All 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 state F/I
(to determine whether danger or potential danger exists)

Outcome

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

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Item	Description	Outcome *	Location reference
4.17	Protection against mechanical damage where cables enter metallic consumer unit	N/A	
4.18	Protection against electromagnetic effects where cables enter metallic consumer unit/enclosure	N/A	
4.19	RCDs provided for fault protection – includes RCBOs	✓	
4.20	RCDs provided for additional protection – includes RCBOs	✓	
5.0 Final circuits			
5.1	Identification of conductors	✓	
5.2	Cables correctly supported throughout their run	✓	
5.3	Condition of insulation of live parts	✓	
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (including confirmation of the integrity of conduit and trunking systems)	✓	
5.5	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation	✓	
5.6	Adequacy of protective devices; type and rated current for fault protection	✓	
5.7	Presence and adequacy of circuit protective conductors	✓	
5.8	Co-ordination between conductors and overload protective devices	✓	
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences	✓	
5.10	Concealed cables installed in prescribed zones (see extent and limitations)	✓	

Item	Description	Outcome *	Location reference
5.11	Concealed cables incorporating earthed armour or sheath, or run within earthed wiring containment system, or otherwise protected against mechanical damage from nails, screws and the like where not in prescribed zones or not protected by 30 mA RCD (see extent and limitations)	N/A	
5.12	Provision of additional protection by RCD not exceeding 30 mA	✓	
	* used to supply mobile equipment not exceeding 32 A rating for use outdoors	✓	
	* for all socket-outlets not exceeding 20 A rating unless exempt	✓	
	* for cables concealed in walls or partitions	C3	See point at F
5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects	✓	
5.14	Band II cables segregated/separated from Band I cables	✓	
5.15	Cables segregated/separated from communications cabling	N/A	
5.16	Cables segregated/separated from non-electrical services	✓	
5.17	Termination of cables at enclosures (extent of sampling indicated in Section D of the report)	✓	
	* Connections soundly made and under no undue strain	✓	
	* No basic insulation of a conductor visible outside enclosures	✓	
	* Connections of live conductors adequately enclosed	✓	
	* Adequately connected at point of entry to enclosure (glands,bushes etc.)	✓	

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Item	Description	Outcome *	Location reference
5.18	Condition of accessories including socket-outlets, switches and joint boxes	✓	
5.19	Suitability of accessories for external influences	✓	
6.0 Isolation and switching (isolation, switching off for mechanical maintenance, emergency switching/stopping and functional switching)			
6.1 In General			
	* presence and condition of appropriate devices	✓	
	* correct operation verified	✓	
6.2 For isolation and switching for mechanical maintenance only			
	* capable of being secured in the OFF position where appropriate	✓	
	* acceptable location – state if local or remote from equipment being controlled where appropriate	N/A	
	* clearly identified by position and/or durable marking(s)	N/A	
6.3 For isolation only			
	* warning label(s) posted in situations where live parts cannot be isolated by the operation of a single device	N/A	
6.4 For emergency switching/stopping only			
	* readily accessible for operation where danger might occur	N/A	
7.0 Current-using equipment (Permanently connected)			
7.1	Condition of equipment in terms of IP rating	✓	
7.2	Equipment does not constitute a fire hazard	✓	
7.3	Enclosure not damaged/deteriorated so as to impair safety	✓	
7.4	Suitability for the environment and external influences	✓	
7.5	Security of fixing	✓	

Item	Description	Outcome *	Location reference
7.6	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)	✓	
7.7 Recessed luminaires (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	
8.0 Location(s) containing a bath or shower			
8.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA	✓	
8.2	Where used as a protective measure, requirements for SELV or PELV are met	N/A	
8.3	Shaver sockets comply with BS EN 61558-2-5 or BS 3535	N/A	
8.4	Presence of supplementary bonding conductors unless not required by BS 7671: 2008	✓	
8.5	Low voltage (e.g. 230 volts) socket outlets sited at least 3 m from zone 1	N/A	
8.6	Suitability of equipment for external influences for installed location in terms of IP rating	✓	
8.7	Suitability of equipment for installation in a particular zone	✓	
8.8	Suitability of current-using equipment for a particular position within the location	✓	
9.0 Other special installations or locations - Part 7s			
9.1	List all other special installations or locations present, if any. Record the results of particular inspection applied separately	N/A	

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ADDITIONAL NOTES

Empty space for additional notes.