



APPROVED
CONTRACTOR

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DPN5/ 0505923

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations by an Approved Contractor or Confirming Body enrolled with NICEIC, Warwick House, Houghton Hall Park, Houghton Regis, Dunstable LU5 2XJ.

A. DETAILS OF THE CLIENT

Client: PAUL DUVEN RESIDENTIAL

Address: 39 ERLIGH ROAD
READING

Postcode: RG1 5NB

B. PURPOSE OF THE REPORT

Purpose for which this report is required: TENANT

Date(s) on which inspection and testing were carried out: 20 - 3 - 2013

C. DETAILS OF THE INSTALLATION

Occupier:

Address: FLAT 3
41 ERLIGH ROAD, READING
Postcode: RG1 5NB

Estimated age of the electrical installation: 20 years
Evidence of alterations or additions: YES If yes, estimated age 1 years

Date of previous inspection: NOT KNOWN
Electrical Installation Certificate No or previous Periodic Inspection or Condition Report No: —

Records of installation available: —
Records held by: —

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

Extent of the electrical installation covered by this report:

All Fixed Wiring For Power And Lighting

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

10% Inspection & Test of Accessories
100% Inspection & Test of Switchgear

Agreed with:

CLIENT

Operational limitations including the reasons (see page No. 1)

Cables Concealed in Walls / Floors Not Inspected.

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.

E. SUMMARY OF THE CONDITION OF THE INSTALLATION

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

THE INSTALLATION GENERALLY IS IN GOOD WORKING CONDITION

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

Overall assessment of the installation:

SATISFACTORY / ~~UNSATISFACTORY~~

(Delete as appropriate)

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

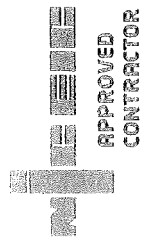
This report should have been reviewed and confirmed by the registered Qualified Supervisor of the Approved Contractor responsible for issuing it. (See declaration on page 2)

This report is based on the model forms shown in Appendix 6 of BS 7671. Published by NICEIC, a part of the Ascot Group © Copyright The Electrical Safety Council July 2011.

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

Page 1 of 7

Original (to the person ordering the work)



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F. OBSERVATIONS AND RECOMMENDATIONS FOR ACTION TO BE TAKEN

Referring to the attached schedules of inspection and test results, and subject to the limitations at D:

There are no items adversely affecting electrical safety ☒ or The following observations and recommendations for action are made

Further investigation required (Y or ✓)
Classification code T

Observations

Item No

1

G. DECLARATION

I/We, being the person(s) responsible for the inspection and testing of electrical installation (as indicated by my/our signatures below), particulars of which are described on page 1 (see C), 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 F) and the attached schedules (see H), 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 D).

I/We further declare that in my/our judgement, the said installation was overall in

SATISFACTORY

condition (see F) at the time the inspection was carried out, and that it should be further inspected as recommended (see I).

**Delete as appropriate*

INSPECTION, TESTING AND ASSESSMENT BY:

Signature:

Name:
(CAPITALS)

Position:

Date:

T.S. Dutton
T.S. Dutton
PDW

20.3.2013

REPORT REVIEWED AND CONFIRMED BY:

Signature:

Name:
(CAPITALS)

Date:

T.S. Dutton
T.S. Dutton

20.3.2013

(Registered Qualified Supervisor for the Approved Contractor at J)

H. SCHEDULES AND ADDITIONAL PAGES

Schedule of Inspections: Page(s) No 4, 5, 6

Additional pages, including data sheets for additional source(s): Page No(s)

Schedule of Circuit Details for the Installation: Page No(s) 7

Schedule of Test Results for the Installation: Page No(s) 7

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.

Immediate remedial action required for items:

Urgent remedial action required for items:

Further investigation required for items:

Improvement recommended for items:

Additional pages? No ☒ Yes ☐ Specify page No(s):

† One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:

Code C1 'Danger present'. Risk of injury. Immediate remedial action required.

Code C2 'Potentially dangerous'. Urgent remedial action required.

Code C3 'Improvement recommended'.

Please see the reverse of this page for guidance regarding the Classification codes.

Please see the 'Guidance for Recipients on the Classification codes' on the reverse of this page.



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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 or months, 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:

HASTECL

Address:

1 BUCKHARD AVENUE
SLOUGH

Telephone number:

079397174988

Email address:



Enrolment number:

029567

Branch number:

000

Postcode: SL3 7PT

K. SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type(s)

TNS

1-phase (2-wire)

2-phase (3-wire)

3-phase (3-wire)

1-phase (3-wire)

3-phase (4-wire)

Other (please state)

Nature of supply parameters

Nominal voltage(s) U_n : 230 V

Nominal frequency, f_n : 50 Hz

Prospective fault current, I_{pf} : 2.01 kA

External earth fault loop impedance, Z_e : 0.06 Ω

Notes:
(1) by enquiry
(2) by measurement
(3) where more than one source, record the higher or highest value
(4) by measurement

Characteristics of primary supply overcurrent protective device(s)

BS(EN): 1361

Type: TH

Rated current: 100 A

Short-circuit capacity: 16 kA

Confirmation of supply polarity: ☒ (V)

L. PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of earthing

Distributor's facility: ☒

Installation earth electrode:

Type: (eg rod(s), tapes etc)

Electrode resistance, R_A :

Location:

Method of measurement:

Details of installation earth electrode (where applicable):

Main switch or circuit-breaker

Type BS(EN): 00247-33

No of poles: 2

Primary supply conductors (material): COPPER

Primary supply conductors (CSA): 25 mm²

Earthing conductor

Conductor material: COPPER

Conductor CSA: 16 mm²

Connection/continuity verified: ☒

Main protective bonding conductors

Conductor material: COPPER

Conductor CSA: 10 mm²

Connection/continuity verified: ☒

Earthing and protective bonding conductors

Bonding of extraneous-conductive-parts (✓)

Water service: ☒

Oil service: ☒

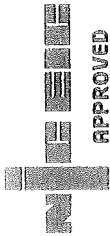
Lightning protection: ☒

Gas service: ☒

Structural steel: ☒

Other incoming services: ☒

* 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	Item Description	Outcome*	Location reference
1.0 Condition/adequacy of distributor/s/supply intake equipment			4.0 Consumer unit(s)		
1.1 Service cable	✓		4.1 Adequacy of working space or access to consumer unit	✓	
1.2 Service cut-out/fuse(s)	✓		4.2 Security of fixing	✓	
1.3 Meter tails - distributor	✓		4.3 Condition of enclosure(s) in terms of IP rating	✓	
1.4 Meter tails - consumer	✓		4.4 Condition of enclosure(s) in terms of fire rating	✓	
1.5 Metering equipment	✓		4.5 Enclosure not damaged/deteriorated so as to impair safety	✓	
1.6 Means of main isolation (where present)	✓		4.6 Presence of linked main switch	✓	
2.0 Presence of adequate arrangements for other sources (microgenerators etc)	N/A		4.7 Operation of main switch (functional check)	✓	
3.0 Earthing and bonding arrangements			4.8 Manual operation of circuit-breakers and RCDs to prove disconnection	✓	
3.1 Presence and condition of distributor's earthing arrangement	✓		4.9 Correct identification of circuits and protective devices	✓	
3.2 Presence and condition of earth electrode connection	N/A		4.10 Presence of RCD test notice at or near consumer unit	✓	
3.3 Confirmation of adequate earthing conductor size	✓		4.11 Presence of non-standard (mixed) cable colour warning notice at or near consumer unit	✓	
3.4 Accessibility and condition of earthing conductor at Main Earthing Terminal (MET)	✓		4.12 Presence of alternative supply warning notice at or near consumer unit	N/A	
3.5 Confirmation of adequate main protective bonding conductor sizes	✓		4.13 Presence of replacement next inspection recommendation label	✓	
3.6 Condition and accessibility of main protective bonding conductor connections	✓		4.14 Presence of other required labelling (please specify)	N/A	
3.7 Provision of earthing and bonding labels at all appropriate locations	✓		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
'LM' indicates a Limitation
N/A indicates Not applicable
Unacceptable condition state C1 or C2
Improvement recommended state C3

Further investigation required state F1
(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	Item	Description	Outcome*	Location reference
4.17	Protection against mechanical damage where cables enter metallic consumer unit	NA		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)	✓	
4.18	Protection against electromagnetic effects where cables enter metallic consumer unit/enclosure	NA		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	✓	
4.19	RCDs provided for fault protection – includes RCBOs	✓		5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects	✓	
4.20	RCDs provided for additional protection – includes RCBOs	✓		5.14	Band II cables segregated/separated from Band I cables	NA	
5.0	Final circuits			5.15	Cables segregated/separated from communications cabling	NA	
5.1	Identification of conductors	✓		5.16	Cables segregated/separated from non-electrical services	NA	
5.2	Cables correctly supported throughout their run	✓		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.)	✓	
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)	NA					
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)	✓					

* All boxes must be completed.

✓ indicates Acceptable condition

NA indicates a Limitation

NA 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

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SCHEDULE OF INSPECTIONS

Item Description	Outcome* Location reference	Item Description	Outcome* Location reference
5.18 Condition of accessories including socket-outlets, switches and joint boxes	✓	7.6 Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire <i>List number and location of luminaires inspected. (Separate page)</i>	✓
5.19 Suitability of accessories for external influences	✓	7.7 Recessed luminaires (downlighters) • correct type of lamps fitted • installed to minimise build-up of heat by use of 'fire rated' fittings, insulation displacement box or similar • no signs of overheating to surrounding building fabric • no signs of overheating to conductors/terminations	N/A N/A N/A N/A
6.0 Isolation and switching (isolation, switching off for mechanical maintenance, emergency switching/stopping and functional switching)		8.0 Location(s) containing a bath or shower	✓
6.1 In general • presence and condition of appropriate devices • correct operation verified	✓ ✓	8.1 Additional protection for all low voltage (LV) circuits by RCD not exceeding 30 mA	✓
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 • clearly identified by position and/or durable marking(s)	N/A N/A N/A	8.2 Where used as a protective measure, requirements for SELV or PELV are met	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	8.3 Shaver sockets comply with BS EN 61558-2-5 or BS 3535	N/A
6.4 For emergency switching/stopping only • readily accessible for operation where danger might occur	N/A	8.4 Presence of supplementary bonding conductors unless not required by BS 7671: 2008	✓
7.0 Current-using equipment (Permanently connected)		8.5 Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from zone 1	N/A
7.1 Condition of equipment in terms of IP rating	✓	8.6 Suitability of equipment for external influences for installed location in terms of IP rating	✓
7.2 Equipment does not constitute a fire hazard	✓	8.7 Suitability of equipment for installation in a particular zone	✓
7.3 Enclosure not damaged/deteriorated so as to impair safety	✓	8.8 Suitability of current-using equipment for a particular position within the location	✓
7.4 Suitability for the environment and external influences	✓	9.0 Other special installations or locations - Part 7s	
7.5 Security of fixing	✓	9.1 List all other special installations or locations present, if any. Record the results of particular inspection applied separately	N/A

* 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

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SCHEDULES

[illegible]

Location of consumer unit	Designation of consumer unit	Prospective fault current at consumer unit	kA
44 Linby			2.0
TEST INSTRUMENTS			
Multi-function	Test instruments (serial numbers) used		
3331292	Insulation resistance	—	
	Continuity	—	
	Earth electrode resistance	—	
	Earth fault loop impedance	—	RCD