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DPN5/ 0505921

Original (to the person ordering the work)

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 Competing Body enrolled with NICEIC, Warwick House, Houghton Hall Park, Houghton, Reg's Dursley, Gloucestershire, GL5 2JY

A. DETAILS OF THE CLIENT

Client: **Paris Dillen Residential**

Address: **39 Erleigh 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: **BASEMENT FLAT 1
41 ERLEIGH ROAD
READING**

Postcode: **RG1 5XB**

Estimated age of the
electrical installation:

20 years

Evidence of alterations
or additions

YES

If yes,
estimated
age

5 years

Date of previous
inspection:

**NOT
KNOWN**

Electrical Installation Certificate No or previous
Periodic Inspection or Condition Report No:

Records of installation
available:

YES

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 AND FLOORS ETC.
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 / UNKNOWN

(Delete as appropriate)

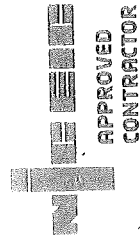
An 'Unsatisfactory' assessment indicates that dangerous and/or potentially dangerous conditions have been identified

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)

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

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F. OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS 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 †

Observations

Item No

1

G. 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 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 / ~~UNSATISFACTORY~~**

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:

REPORT REVIEWED AND CONFIRMED BY:

Signature:

Name:
(CAPITALS)

Date:

(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.

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.

Immediate remedial action required for items:

Urgent remedial action required for items:

Further investigation required for items:

Improvement recommended for items:

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

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DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT (FOR A SINGLE DWELLING)

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)	NA	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	✓	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	NA
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	✓
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)	✓
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

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 for the report



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SCHEDULE OF INSPECTIONS

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	✓	
4.19	RCDs provided for fault protection – includes RCBOs	✓			• used to supply mobile equipment not exceeding 32 A rating for use outdoors	✓	
4.20	RCDs provided for additional protection – includes RCBOs	✓			• for all socket-outlets not exceeding 20 A rating unless exempt	✓	
5.0	Final circuits				• for cables concealed in walls or partitions	✓	
5.1	Identification of conductors	✓		5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects	NA	
5.2	Cables correctly supported throughout their run	✓		5.14	Band II cables segregated/separated from Band I cables	NA	
5.3	Condition of insulation of live parts	✓		5.15	Cables segregated/separated from communications cabling	NA	
5.4	Non-sheathed cables protected by enclosure in conduit, ducting or trunking (including confirmation of the integrity of conduit and trunking systems)	NA		5.16	Cables segregated/separated from non-electrical services	NA	
5.5	Adequacy of cables for current-carrying capacity with regard to the type and nature of installation	✓		5.17	Termination of cables at enclosures (extent of sampling indicated in Section D of the report)		
5.6	Adequacy of protective devices; type and rated current for fault protection	✓			• Connections soundly made and under no undue strain	✓	
5.7	Presence and adequacy of circuit protective conductors	✓			• No basic insulation of a conductor visible outside enclosures	✓	
5.8	Co-ordination between conductors and overboard protective devices	✓			• Connections of live conductors adequately enclosed	✓	
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences	✓			• Adequately connected at point of entry to enclosure (glands, bushes etc.)	✓	
5.10	Concealed cables installed in prescribed zones (see extent and limitations)	✓	RM				

* All boxes must be completed.
✓ indicates Acceptable condition
NA indicates a Limitation
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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SCHEDULES

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CIRCUIT DETAILS

Circuit number	Circuit designation * To be completed only where this consumer unit is remote from the site of the installation. Record details of the circuit supplying this consumer unit in the bold box.	Type of wiring (see code)	Reference method (see Appendix 4 of BS 7671)	Number of points served	Circuit conductors: csa		Max. disconnection time permitted by BS 7671 (s)	Overcurrent protective devices			RCD	Circuit impedances						Insulation resistance				Polarity	Maximum measured earth fault loop impedance, Z_s (Ω)	RCD	
					Live (mm ²)	cpc (mm ²)		BS (EN)	Type	Rating (A)		Short-circuit capacity (kA)	Operating current, $I_{\Delta n}$ (mA)	Maximum Z_s permitted by BS 7671 (Ω)	Ring final circuits only (measured end to end)		All circuits (at least one column to be completed)	Line/line (M Ω)	Line/neutral (M Ω)	Line/earth (M Ω)	Neutral/earth (M Ω)			Test button operation	operating times at 5 L _n (ms)
															Z_1 (line)	Z_2 (neutral)									

1	Light	A1		3	1.5	0.4	60	BS 88	B	6	6	613		52							✓	1.66	✓	17	39	14	✓
2	Light	A1		4	1.5	0.4	11		B	6	6	613		46							✓	56					
3	Rad Protected Circuit																										
4	Shaver	A1		1	10	4	✓		B	40	6	30	92	09							✓	17	39	14	✓		
5	Socket	A1		5	2.5	1.5	✓		B	32	6	30	115	33							✓	41					
6	Socket	A1		6	2.5	1.5	✓		B	32	6	30	115	30							✓	39					
7	Kitchen Sockets	A1		4	2.5	1.5	✓		B	32	6	30	115	29							✓	38					
8	Kitchen Sockets	A1		2	2.5	1.5	✓		B	16	6	30	23	31							✓	41					
9																											
10	Bathroom Light	A1		1	1.5	1.0	✓		B	6	6	30	613	40							✓	51					
11																											
12																											
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17																											
18																											
19																											
20																											

Location of consumer unit	Designation of consumer unit	Prospective fault current at consumer unit	1.69 KA
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TEST INSTRUMENTS

Test instruments (serial numbers) used

Multi-function	331292	Insulation resistance	—	Continuity	—	Earth electrode resistance	—	Earth fault loop impedance	—	RCD	—
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CODES FOR TYPE OF WIRING

A	B	C	D	E	F	G	H	O (Other - please state)
Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic/SWA cables	Thermosetting/SWA cables	Mineral-insulated cables	

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