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497891 DPR18

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT

Small installations up to 100 A single phase supply

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original (to the person ordering the work)

PART 1 : DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

DETAILS OF THE CONTRACTOR

Registration No: 003561002 Branch No: 1

Trading Title: Openview Security Solutions Ltd - Head office

Address: Chesham Close, Romford

Postcode: RM7 7PJ Tel No: 0845 071 9110

DETAILS OF THE CLIENT

Contractor Reference Number (CRN): 25507A

Name: LONDON BOROUGH OF CAMDEN

Address: 33-35 Jamestown Road , Camden, london

Postcode: NW1 7DB Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: LONDON BOROUGH OF CAMDEN

Address: 194 GOLDHURST TERRACE , CAMDEN, LONDON

Postcode: NW6 3HN Tel No: N/A

PART 2 : PURPOSE OF THE REPORT

Purpose for which this report is required: (see additional page No. N/A)

To test and inspect the fixed wiring installation within the property for safety and compliance with BS7671 IEE Regulation.

Date(s) when inspection and testing was carried out: (01/12/2020) Records available: (N/A) Previous inspection report available: (N/A) Previous report date: ( )

PART 3 : SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation (in terms of electrical safety): (see additional page No. N/A)

Installation inspected and tested and complies with BS7671 at the time of the test and inspection being carried out on the given certificate date.

Estimated age of electrical installation: (40+) years Evidence of additions or alterations: (N/A) Overall assessment of the installation is: **Satisfactory**

PART 4 : DECLARATION

INSPECTION AND TESTING

I, being the person responsible for the inspection and testing of the electrical installation, particulars of which are described in PART 7, having exercised reasonable skill and care when carrying out the inspection and testing of the existing installation, hereby CERTIFY that the information in this report, including the observations (page 2) and the attached schedules, 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.

Name (capitals): RIO MANICOM Signature:  Date: 01/12/2020

REVIEWED BY QUALIFIED SUPERVISOR

Name (capitals): JOHN O'BRIEN Signature:  Date: 02/12/2020

**An unsatisfactory assessment indicates that dangerous (CODE C1) and/or potentially dangerous (CODE C2) conditions have been identified in PART 6, or that Further Investigation (CODE FI) without delay is required.*

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Please see the 'Notes for Recipient'

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PART 5 : NEXT INSPECTION

I/We (as indicated on page 1) recommend, subject to the necessary remedial work being taken, this installation should be further inspected and tested after an interval of not more than 5 years*

Give reason for recommendation: N/a (see additional page No. N/A)

PART 6 : OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

CODES: *One of the following Codes, as appropriate, has been allocated to each of the observations made below to indicate to the person(s) responsible for the electrical 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'	CODE FI 'Further Investigation Required'

Referring to the Schedule of Items Inspected (see PART 10), the attached Schedule of Circuit Details and Test Results (see PART 12), and subject to any agreed limitations listed in PART 7:

There are no items adversely affecting electrical safety ☐ , OR The following observations and recommendations for action are made:

Item No	Observation(s)	Code	Location Reference
1	Excessive High zs on outside lighting RHS (Rectified day of test) C2	Note	Outside
2	Open earth on kitchen ring (Rectified day of test) C2	Note	Kitchen
3	Cross polarity on 1st floor ring (Rectified day of test) C1	Note	First floor
4	Earth clap in poor condition (rectified day of test) C2	Note	Main Gas
5	Recommend all Circuits to all upgraded to RCBOs and CCU to be upgraded	Note	DB 1 - HALLWAY CUPBOARD
6	Recommend DB upgrade to RCD UNIT	Note	Top Floor
7	Loose connections in neutral bar (Rectified day of test) C2	Note	DB 1
8	Fire alarm is BS5839/1 System	Note	Fire panel

Additional pages? (N/A) State page numbers: (N/A)

Immediate action required for items: (N/A) **Improvement recommended** for items: (N/A)

Urgent remedial action required for items: (N/A) **Further investigation required** for items: (N/A)

**The proposed date for the next inspection should take into consideration any legislative or licensing requirements and the frequency and quality of maintenance that the installation can reasonably be expected to receive during its intended life. The period should be agreed between relevant parties.*

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PART 7 : DETAILS AND LIMITATIONS OF THE INSPECTION AND TESTING

The inspection and testing has been carried out in accordance with BS 7671: 2018, 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 the Inspector prior to inspection.

Details of the installation covered by this report:

This certificate covers testing and inspection of the fixed electrical wiring within the certificate named property.

(see additional page No. N/A)

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

N/a

(see additional page No. N/A)

Agreed with (print name): N/A

Extent of sampling: (inspection only) 100% of visual inspection undertaken where reasonably practicable (see additional page No. N/A)

Operational limitations including the reasons: None (see additional page No. N/A)

PART 8 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements

TN-C-S: ☐ TN-S: ☑ TT: ☐

Other *(state):* N/A

Supply protective device

(BS (EN) 1361 Fuse HBC)

Type: (2) Rated current: (N/A) A

Number and type of live conductors

AC 1-phase, 2-wire: ☑

Other *(state):* (N/A)

Confirmation of supply polarity: (✓)

Other sources of supply: *(as detailed on attached schedule)* Page No: (N/A)

Nature of supply parameters

Nominal line voltage to Earth, U_0 : (230) V

Nominal frequency, f : (50) Hz

Prospective fault current, I_{pf} (1)*: (LIM) kA

External loop impedance, Ze (1)*: (LIM) Ω

(1) *By enquiry, measurement, or by calculation*

PART 9 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS CERTIFICATE

Means of Earthing

Distributor's facility: (✓)

Installation earth electrode: (N/A)

Where an earth electrode is used insert

Type - rod(s), tape, etc: (N/A)

Location: (N/A)

Electrode resistance to Earth: (N/A) Ω

Main protective conductors

Earthing conductor:

(material Copper csa 25 mm²)

Connection / continuity verified: ☑

Main protective bonding conductors:

(material Copper csa 16 mm²)

Connection / continuity verified: ☑

Main protective bonding connections

Water installation pipes: (✓)

Gas installation pipes: (✓)

Structural steel: (N/A)

Oil installation pipes: (N/A)

Lightning protection: (N/A)

Other *(state)* :

N/A

Main switch / Switch-fuse / Circuit-breaker / RCD

Type: (BS (EN) BS EN 60947-3)

Location: (N/A)

No. of poles: (2) Rating / setting of device: (100) A

Current rating: (100) A Voltage rating: (230) V

Where an RCD is used as the main switch

RCD rated residual operating current, $I_{\Delta n}$: (N/A) mA

Measured operating time: (N/A) ms Rated time delay: (N/A) ms

**Where the installation is supplied by more than one source, the higher or highest values of prospective fault current, Ipf , and external earth fault loop impedance, Ze , must be recorded.*

All fields must be completed. *Enter either, as appropriate: '✓' if Acceptable condition; 'N/A' if Not applicable; 'LIM' if a Limitation exists; or Code appropriately - CODE 'C1', 'C2', 'C3' or 'FI' (codes to be recorded in PART 6, with additional comments (where appropriate) on attached numbered sheets)*

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PART 10 : SCHEDULE OF ITEMS INSPECTED

1. External condition of intake equipment (visual inspection only)

(If inadequacies are identified with the intake equipment, it is recommended the person ordering the report informs the appropriate authority.)

1.1	Service cable:	(✓)
1.2	Service head:	(✓)
1.3	Earthing arrangement:	(✓)
1.4	Meter tails:	
	a) Cutout fuse to meter	(✓)
	b) Meter to consumer unit	(✓)
1.5	Metering equipment:	(✓)
1.6	Isolator (where present):	(N/A)

2. Presence of adequate arrangements for other 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 generating set operates in parallel with the public supply:	(N/A)
2.3	Presence of alternative / additional supply warning notices:	(N/A)

3. Earthing and bonding arrangements

3.1	Presence and condition of distributors earthing arrangement:	(✓)
3.2	Presence and condition of earth electrode connection, where appropriate:	(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	Accessibility and condition of main protective bonding conductor connections:	(✓)
3.7	Accessibility and condition of other protective bonding connections:	(✓)
3.8	Provision of earthing and bonding labels at all appropriate locations:	(✓)

4. Consumer unit(s) / Distribution board(s)

4.1	Adequacy of working space / accessibility to consumer unit / distribution board:	(✓)
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(es) (functional check):	(✓)
4.8	Main switch capable of being secured in the OFF position:	(✓)
4.9	Operation of circuit-breakers and RCDs to prove disconnection (functional check):	(✓)
4.10	Correct identification of circuits and protective devices:	(✓)
4.11	Presence of appropriate circuit charts, warning and other notices:	
	a) Provision of circuit charts/schedules or equivalent forms of information	(✓)
	b) Warning notice of method of isolation where live parts not capable of being isolated by a single device	(N/A)
	c) Periodic inspection and testing notice	(✓)
	d) Presence of RCD six-monthly notice, where required	(N/A)
	e) Warning notice of non-standard (mixed) colours of conductors present	(✓)
	f) All other required labelling provided	(✓)
4.12	Compatibility of protective device(s), base(s) and other components; correct type and rating (no signs of unacceptable thermal damage, arcing or overheating):	(✓)
4.13	Single-pole switching or protective devices in the line conductors only:	(✓)
4.14	Protection against mechanical damage where cables enter consumer unit / distribution board:	(✓)
4.15	Protection against electromagnetic effects where cables enter metallic consumer unit / enclosure:	(✓)
4.16	RCDs provided for fault protection - includes RCBOs:	(✓)
4.17	RCDs provided for additional protection - includes RCBOs:	(✓)
4.18	Confirmation of indication that SPD is functional:	(N/A)
4.19	Adequacy of AFDD(s), where specified:	(N/A)
4.20	Confirmation that conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure:	(✓)

5. Distribution / final circuits

5.1	Identification of conductors:	(✓)
5.2	Cables correctly supported throughout:	(✓)
5.3	Condition of insulation of live parts:	(✓)
5.4	Non-sheathed live conductors protected by enclosure in conduit, ducting or trunking (including confirmation of the integrity of conduit and trunking systems):	(N/A)
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 protection devices:	(✓)
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences:	(✓)
5.10	Cables adequately protected against mechanical damage and abrasion:	(✓)
5.11	Provision of additional protection by 30 mA RCD (see Note):	
	a) For all socket-outlets with a rated current not exceeding 32 A	(N/A)
	b) For mobile equipment not exceeding a rating of 32 A for use outdoors	(N/A)
	c) For cables concealed in walls / partitions at a depth of less than 50 mm	(✓)

All fields must be completed. *Enter either, as appropriate: ' ✓ if Acceptable condition; 'N/A' if Not applicable; 'LIM' if a Limitation exists; or Code appropriately - CODE 'C1', 'C2', 'C3' or 'FI' (codes to be recorded in PART 6, with additional comments (where appropriate) on attached numbered sheets)*

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PART 10 : SCHEDULE OF ITEMS INSPECTED

d) For cables concealed in walls / partitions containing metal parts regardless of depth (✓)
e) For all AC final circuits supplying luminaires (N/A)

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

5.12 Provision of fire barriers, sealing arrangements and protection against thermal effects: (✓)
5.13 Band II cables segregated / separated from Band I cables: (✓)
5.14 Cables segregated / separated from communications cabling: (✓)
5.15 Cables segregated / separated from non-electrical services: (✓)
5.16 Termination of cables at enclosures (extent of sampling indicated in PART 7 of the report):
a) Connections soundly made and under no undue strain (✓)
b) No basic insulation of a conductor visible outside enclosure (✓)
c) Connection of live conductors adequately enclosed (✓)
d) Adequately connected at point of entry to enclosure (✓)
5.17 Condition of accessories including socket-outlets, switches and joint boxes is satisfactory: (✓)

6. Isolation and switching
(isolation, switching off for mechanical maintenance and functional switching)

6.1 In general:
a) Presence and condition of appropriate devices (✓)
b) Correct operation verified (✓)
6.2 For isolation and switching for mechanical maintenance only:
a) Capable of being secured in the OFF position, where appropriate (✓)
b) Acceptable location (local / remote) (✓)
c) Clearly identified by position and / or durable marking(s) (✓)
6.3 For isolation only:
a) Warning label(s) posted in situations where live parts cannot be isolated by the operation of a single device (✓)

7. 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: (✓)
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 on a separate page: Page No. (N/A)
7.7 Recessed luminaires (downlighters):
a) Correct type of lamps fitted (N/A)
b) Installed to minimise build-up of heat (N/A)
c) No signs of overheating to surrounding building fabric (N/A)
d) No signs of overheating to conductors / terminations (N/A)

8. Location(s) containing a bath or shower

8.1 Additional protection by RCD not exceeding 30 mA:
a) For low voltage circuits serving the location (✓)
b) For low voltage circuits passing through Zone 1 and Zone 2 not serving the location (✓)
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 (formerly BS 3535): (N/A)
8.4 Presence of supplementary bonding conductors unless not required by BS 7671: 2018: (N/A)
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: (✓)

9. Other Part 7 special installations or locations

List of all other special installations or locations, if any, present:
N/A (N/A)
N/A (N/A)
N/A (N/A)
N/A (N/A)
N/A (N/A)
N/A (N/A)

Indicate if the relevant requirements of Part 7 are satisfied and append results of inspection on a separate numbered page.

SCHEDULE OF ITEMS INSPECTED BY

Name (capitals): RIO MANICOM

Signature:  Date: 01/12/2020

PART 11 : SCHEDULES AND ADDITIONAL PAGES

Schedule of Inspections	Schedule of Circuit Details and Test Results for the installation	Additional pages, including data sheets for additional sources	Special installations or locations *(indicated in item 9. above)*	Continuation sheets
Page No(s): (4 & 5)	Page No(s): (6)	Page No(s): (N/A)	Page No(s): (N/A)	Page No(s): (N/A)

The pages identified are an essential part of this report (see Regulation 653.2).

All fields must be completed. *Enter either, as appropriate: ' ✓ if Acceptable condition; 'N/A' if Not applicable; 'LIM' if a Limitation exists; or Code appropriately - CODE 'C1', 'C2', 'C3' or 'FI' (codes to be recorded in PART 6, with additional comments (where appropriate) on attached numbered sheets)*

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PART 12 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: N/A

CODES For Type of wiring (A) Thermoplastic insulated / sheathed cables | (B) Thermoplastic cables in metallic conduit | (C) Thermoplastic cables in non-metallic conduit | (D) Thermoplastic cables in metallic trunking | (E) Thermoplastic cables in non-metallic trunking | (F) Thermoplastic / SWA cables | (G) Thermosetting / SWA cables | (H) Mineral-insulated cables | (O) other - state N/A

Circuit number	Circuit description *Where this consumer unit is remote from the origin of the installation, record details of the circuit supplying this consumer unit on the first line.	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, IΔn	Maximum permitted Zs for installed protective device**	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD operating time	Test buttons	
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(mA)	(Ω)	Ring final circuits only (measured end to end) (Line) r1	Ring final circuits only (measured end to end) (Neutral) rn	Ring final circuits only (measured end to end) (cpc) r2	All circuits (complete at least one column) (R1+R2)	All circuits (complete at least one column) R2	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)			(ms)	RCD	AFDD
1/L1	WASHING MACHINE - UTILITY ROOM	A	A	1	6	2.5	0.4	60898 MCB	B	32	6	N/A	1.37	N/A	N/A	N/A	0.30	N/A	>200	>200	500	✓	0.45	N/A		
2/L1	UTILITY ROOM SOCKETS	A	A/B	4	2.5	1.5	0.4	60898 MCB	B	20	6	30	2.19	N/A	N/A	N/A	0.89	N/A	>200	>200	500	✓	1.04	19	✓	
3/L1	OFFICE + KITCHEN SOCKETS	A	A	5	2.5	1.5	0.4	60898 MCB	B	20	6	30	2.19	N/A	N/A	N/A	0.38	N/A	>200	>200	500	✓	0.53	17	✓	
4/L1	KITCHEN RING MAIN	A	A	13	2.5	1.5	0.4	61009 RCD/RCBO	B	32	6	30	1.37	0.58	0.57	0.82	0.35	N/A	>200	>200	500	✓	0.53	17	✓	
5/L1	RING MAIN FIRST FLOOR	A	A	11	2.5	1.5	0.4	60898 MCB	B	32	6	N/A	1.37	0.93	0.90	1.43	0.59	N/A	>200	>200	500	✓	0.77	N/A		
6/L1	WATER HEATER FIRST FLOOR	A	A	1	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73	N/A	N/A	N/A	0.22	N/A	>200	>200	500	✓	0.37	N/A		
7/L1	RING MAIN LANDING/BEDROOM	A	A	5	2.5	1.5	0.4	60898 MCB	B	32	6	30	1.37	0.53	0.50	0.84	0.34	N/A	>200	>200	500	✓	0.50	15	✓	
8/L1	COOKER NO.1	A	A	1	6	2.5	0.4	61009 RCD/RCBO	B	32	6	30	1.37	N/A	N/A	N/A	0.21	N/A	>200	>200	500	✓	0.36	31	✓	
9/L1	BELL TRANSFORMER	A	A	1	1	1	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	0.14	N/A	>200	>200	500	✓	0.29	N/A		
10/L1	LIGHTS HALL/UTILITY	A	A/B	5	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	0.94	N/A	>100	>100	500	✓	1.09	N/A		
11/L1	LIGHTS OFFICE + WC + KITCHEN	A	A	5	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	0.73	N/A	>50	>50	500	✓	0.88	N/A		
12/L1	LIGHTS BED + HALL + EMG	A	A/B	13	1.5	1	0.4	61009 RCD/RCBO	B	6	6	30	7.28	N/A	N/A	N/A	1.68	N/A	>50	>50	500	✓	1.83	32	✓	
13/L1	LIGHTS 1ST BED + BATHROOM	A	A	6	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	1.40	N/A	>100	>100	500	✓	1.55	N/A		
14/L1	LIGHTS 1ST FLOOR BED + SHOWER +	A	A	9	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	0.84	N/A	>200	>200	500	✓	0.99	N/A		
15/L1	FIRE ALARM SPUR	A	B	1	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	0.12	N/A	>200	>200	500	✓	0.27	N/A		
16/L1	OUTSIDE PIR LIGHTS RHS	0	C	3	2.5	2.5	0.4	61009 RCD/RCBO	B	10	6	30	4.37	N/A	N/A	N/A	0.49	N/A	>200	>200	500	✓	0.64	13	✓	
17/L1	COOKER NO.2	A	A	1	6	2.5	0.4	61009 RCD/RCBO	B	32	6	30	1.37	N/A	N/A	N/A	0.32	N/A	>200	>200	500	✓	0.47	30	✓	
18/L1	OUTSIDE LIGHTS LHS + ENTRANCE	0	C	4	2.5	2.5	0.4	61009 RCD/RCBO	B	10	6	30	4.37	N/A	N/A	N/A	0.51	N/A	>200	>200	500	✓	0.66	15	✓	
N/A	DB Zs = 0.15	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A		

Location of consumer unit: Hallway cupboard Designation: DB 1 Prospective fault current at consumer unit (where applicable): (1.46) kA

TESTED BY

Name (capitals): RIO MANICOM Position: TESTER Signature: Date: 01/12/2020

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
101628090	N/A	N/A	N/A	N/A	N/A

**Where figure is not taken from BS 7671, state source: N/A

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DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT

Small installations up to 100 A single phase supply

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work)

PART 12 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: N/A

CODES For Type of wiring (A) Thermoplastic insulated / sheathed cables | (B) Thermoplastic cables in metallic conduit | (C) Thermoplastic cables in non-metallic conduit | (D) Thermoplastic cables in metallic trunking | (E) Thermoplastic cables in non-metallic trunking | (F) Thermoplastic / SWA cables | (G) Thermosetting / SWA cables | (H) Mineral-insulated cables | (O) other - state N/A

Circuit number	Circuit description *Where this consumer unit is remote from the origin of the installation, record details of the circuit supplying this consumer unit on the first line.	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, IΔn	Maximum permitted Zs for installed protective device**	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD operating time	Test buttons	
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(mA)	(Ω)	Ring final circuits only (measured end to end) (Line) r1	Ring final circuits only (measured end to end) (Neutral) rn	Ring final circuits only (measured end to end) (cpc) r2	All circuits (complete at least one column) (R1+R2)	All circuits (complete at least one column) R2	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		(Ω)	(ms)	RCD	AFDD
1/L1	SOCKETS BED + LOUNGE + STAIRS	A	A	16	2.5	1.5	0.4	60898 MCB	B	20	6	N/A	2.19	N/A	N/A	N/A	0.51	N/A	>200	>200	500	✓	0.72	N/A		
2/L1	CENTRAL HEATING SPUR	A	A	2	2.5	1.5	0.4	60898 MCB	B	16	6	N/A	2.73	N/A	N/A	N/A	0.07	N/A	>200	>200	500	✓	0.28	N/A		
3/L1	TOP FLOOR LIGHTS + EMG LIGHTS	A	A	14	1.5	1	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	0.86	N/A	>200	>200	500	✓	1.07	N/A		
4/L1	KITCHEN SOCKETS + FAN	A	A	6	2.5	1.5	0.4	60898 MCB	B	32	6	N/A	1.37	0.31	0.30	0.56	0.21	N/A	>200	>200	500	✓	0.44	N/A		
5/L1	COOKER	A	A	1	6	2.5	0.4	60898 MCB	B	32	6	N/A	1.37	N/A	N/A	N/A	0.09	N/A	>200	>200	500	✓	0.30	N/A		
6/L1	FIRE PROTECTION SYSTEM	0	C	2	1.5	1.5	0.4	60898 MCB	B	6	6	N/A	7.28	N/A	N/A	N/A	0.05	N/A	>200	>200	500	✓	0.26	N/A		
7/L1	SPARE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A		
N/A	DB Zs = 0.21	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A		

Location of consumer unit: Top floor Designation: DB-2 Prospective fault current at consumer unit (where applicable): (1.12) kA

TESTED BY

Name (capitals): RIO MANICOM Position: TESTER Signature: Date: 01/12/2020

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
101628090	N/A	N/A	N/A	N/A	N/A

**Where figure is not taken from BS 7671, state source: N/A

APPROVED CONTRACTOR

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DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT

Small installations up to 100 A single phase supply

Issued in accordance with BS 7671: 2018 - Requirements for Electrical Installations

Original to the person ordering the work)

PART 12 : SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: Shower neon

CODES For Type of wiring (A) Thermoplastic insulated / sheathed cables | (B) Thermoplastic cables in metallic conduit | (C) Thermoplastic cables in non-metallic conduit | (D) Thermoplastic cables in metallic trunking | (E) Thermoplastic cables in non-metallic trunking | (F) Thermoplastic / SWA cables | (G) Thermosetting / SWA cables | (H) Mineral-insulated cables | (O) other - state N/A

Circuit number	Circuit description *Where this consumer unit is remote from the origin of the installation, record details of the circuit supplying this consumer unit on the first line.	Type of wiring (see Codes)	Reference Method (BS 7671)	Number of points served	Circuit conductor csa		Max. disconnection time (BS 7671)	Protective device				RCD Operating current, IΔn	Maximum permitted Zs for installed protective device**	Circuit impedances (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD operating time	Test buttons	
														Ring final circuits only (measured end to end)			All circuits (complete at least one column)									
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	(mA)	(Ω)	(Line) r1	(Neutral) rn	(cpc) r2	(R1+R2)	R2	Live / Live (MΩ)	Live / Earth (MΩ)	Test voltage DC (V)		(Ω)	(ms)	RCD	AFDD
1/L1	SHOWER	A	B	1	10	4	0.4	60898 MCB	B	40	6	30	1.09	N/A	N/A	N/A	0.15	N/A	>200	>200	500	✓	0.32	14	✓	
2/L1	SHOWER LIGHT/FAN	A	B	2	1.5	1.0	0.4	60898 MCB	B	6	6	30	7.28	N/A	N/A	N/A	0.39	N/A	>200	>200	500	✓	0.56	14	✓	

Location of consumer unit: Outside Designation: DB-3 Prospective fault current at consumer unit (where applicable): (1.26) kA

TESTED BY

Name (capitals): RIO MANICOM Position: TESTER Signature: Date: 01/12/2020

TEST INSTRUMENTS (enter serial number against each instrument used)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
101628090	N/A	N/A	N/A	N/A	N/A

**Where figure is not taken from BS 7671, state source: N/A

APPROVED CONTRACTOR

DOMESTIC ELECTRICAL INSTALLATION CONDITION REPORT

Small installations up to 100 A single phase supply

Original (to the person ordering the work)

ADDITIONAL NOTES

N/A

(see additional page No. N/A)

NOTES FOR RECIPIENT

THIS CONDITION REPORT IS AN IMPORTANT AND VALUABLE DOCUMENT WHICH SHOULD BE RETAINED FOR FUTURE USE

The purpose of a domestic periodic inspection is to determine, so far as is reasonably practicable, whether the electrical installation of a single dwelling (house or flat) is in a satisfactory condition for continued service. 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 PART 6), 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 a residual current device (RCD) there should be a notice at or near the device stating that it should be tested every six months. For safety reasons it is important that this instruction is followed.

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 PART 5 of this report. There should also be a notice at or near the main switchboard or consumer unit indicating when the next inspection of the installation is due. NICEIC* recommends that you engage the services of an NICEIC Approved Contractor for the inspection.

This report has been issued in accordance with the national standard for the safety of electrical installations, BS 7671: 2018 – Requirements for Electrical Installations.

Only an NICEIC Approved Contractor or Conforming Body is authorised to issue this NICEIC Domestic Electrical Installation Condition Report. You should have received the report marked 'Original' and the Approved Contractor should have retained the report marked 'Duplicate'.

This report form is intended to be issued only for the purpose of reporting on the condition of an existing electrical installation and must not be issued to certify new electrical installation work including the replacement of a consumer unit.

The report consists of at least six 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 consumer unit or more circuits than can be recorded in PART 12, one or more additional Schedules of Circuit Details and Test Results should form part of the report. The report is invalid if any of the schedules identified in PART 10 are missing. The report has a printed serial number, which is traceable to the Approved Contractor to which it was supplied by NICEIC.

You should have received the certificate marked 'Original' and the contractor should have retained the certificate marked 'Duplicate'.

PART 7 (Details 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 before the inspection was carried out.

Rarely, an operational limitation 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 PART 7. It should be noted that the greater the limitations applying to a report, the less its value from the safety aspect.

A declaration should have been given by the inspector in PART 4 of the report. The declaration must reflect the statement given in PART 3, which summarises the observations and recommendations made in PART 6. Where one or more observations have been made in PART 6, 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. Wherever practicable, items classified as (C1) should be made safe on discovery, and it is recommended that a skilled person(s) 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, this should be identified in PART 8 Supply Characteristics and Earthing Arrangements, and the Schedules of Circuit Details and Test Results (PART 12) compiled accordingly.

Where inadequacies in the intake equipment have been observed (Item 1 of PART 10), 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 Approved Contractor. If the concerns remain unresolved, the person ordering this report may make a formal complaint to NICEIC, for which purpose a complaint form is available on request.

The complaints procedure offered by NICEIC is subject to certain terms and conditions, full details of which are available upon application. NICEIC does not investigate complaints relating to the operational performance of electrical installations (such as lighting levels), or to contractual or commercial issues (such as time or cost).

** NICEIC is operated by Certsure LLP, a partnership between the Electrical Contractors' Association and the charity, Electrical Safety First. NICEIC maintains and publishes registers of electrical contractors that it has assessed against particular scheme requirements (including the technical standard of electrical work).*

For further information about electrical safety and how NICEIC can help you, visit **www.niceic.com**

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GUIDANCE FOR RECIPIENTS ON THE CLASSIFICATION CODES

Only one Classification code should be 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 ordering the inspection 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 NICEIC Approved Contractor issuing this report will be able to provide further advice.

NICEIC makes available 'Electrical Danger Notification' forms to enable inspectors to record, and then to communicate to the person ordering the report, any dangerous condition discovered.

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 NICEIC Approved Contractor issuing this report will be able to provide further advice.

It is important to note that the recommendation given at PART 5 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.

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 NICEIC Approved Contractor issuing this report will be able to provide further advice.

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 (PART 3) 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 NICEIC Approved 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 or not 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 No 4 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

For further information about electrical safety and how NICEIC can help you, visit **www.niceic.com**

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