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Domestic Electrical Installation Certificate

Certificate Number : 5

PART 1: DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

DETAILS OF THE CONTRACTOR				DETAILS OF THE CLIENT				DETAILS OF THE INSTALLATION			
Registration No:	Test-NICEIC ID-123			Occupier:	Tes T Customer			Contractor Reference Number (CRN):	NICEIC-ID-TEST		
Trading Title:	Simplementary			Address:	Unit 10 Justin Business Park Sandford Lane			Name:	Mrs Demi Onstration		
Address:	148 Upper Richmond Rd				Wareham, Dorset			Address:	1 St. Georges House Vernon Gate		
	Putney , London				United Kingdom				Derby, Derbyshire		
Postcode:	SW15 2SW	Tel No:	020 8780 3651	Postcode:	BH20 4DY	Tel No:	01254238672	Postcode:	DE1 1UQ	Tel No:	07821668450

PART 2: DETAILS OF THE ELECTRICAL WORK COVERED BY THIS INSTALLATION CERTIFICATE

Date works completed:	22/09/2022	Description and extent of the installation covered by this certificate:
The installation is		
New:	( )	
An addition:	( )	
An alteration:	(✓)	TR - 1 - Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labo dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequ
Replacement of a consumer unit:	( )	

PART 3: NEXT INSPECTION OF THE ELECTRICAL INSTALLATION

I RECOMMEND that this installation is further inspected and tested after an interval of not more than: 12 ~~years~~/months

PART 4 : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK

DESIGN, CONSTRUCTION, INSPECTION & TESTING

I, being the person responsible for the design, construction, inspection and testing of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the design and additionally where this certificate applies to an addition or alteration, having confirmed that the safety of the existing installation is not impaired, hereby CERTIFY that the design, construction, inspection and testing for which I have been responsible is to the best of my knowledge and belief in accordance with BS 7671:2018, amended to TR - 2 (date) except for the following departures, if any, identified.

Name (capitals)	James Haworth	**Signature**	*James Haworth*	**Date**	22/09/2022

REVIEWED BY QUALIFIED SUPERVISOR

Name (capitals)	Support Support	**Signature**	*Support Support*	**Date**	22/09/2022

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PART 5 : COMMENTS ON THE EXISTING INSTALLATION *(in the case of an addition or alteration see Regulation 644.1.2)*

TR - 3 - Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

PART 6 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements

TN-C S: (...) TN-S: (...) TT: (✓)

Other (state) TR - 4

Supply protective device

(BS (EN) TR - 5)

Type:(TR - 6) Rated current:(TR - 7)

Name and type of live conductors

AC 1-phase, 2 wire: (No)

Other (state): TR - 8

Confirmation of supply polarity: (✗)

Other sources of supply (as detailed on attached schedule):TR - 9

Nature of supply parameters

Nominal line voltage to Earth, U_o:	(TR - 10) V
Nominal frequency, f:	(TR - 11) Hz
Prospective fault current, I_{pf} (1)*:	(TR - 12) kA
External loop impedance, Z_e (1)*:	(TR - 13 ?)

PART 7: PARTICULARS OF INSTALLATION REFERRED TO IN THIS CERTIFICATE

Maximum demand (load): (TR - 14) A

Means of Earthing

Distributor's facility: (Installation earth electrode)

Installation earth electrode: (TR - 15)

Where an earth electrode is used insert

Type rod(s), tape, etc (TR - 16)

Location: (TR - 28)

Electrode resistance to Earth: (TR - 18) ?

Main protective conductors

Earthing conductor:

(material TR - 19 csa TR - 20 mm2)

Connection / continuity verified: (TR - 22)

Main protective bonding conductors:

(material TR - 23 csa TR - 24 mm2)

Connection / continuity verified (TR - 22)

Main protective bonding connections

Water installation pipes:(✗)

Gas installation pipes: (✗)

Structual steel: (✓)

Oil installation pipes: (✗)

Lighting protection: (✓)

Other (state): (TR - 26)

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

Type: (BS (EN) TR - 27)

Location: (TR - 28)

No. of poles: (TR - 29) Rating / setting of device: (TR - 31)

Current Rating: (TR - 30) Voltage Rating: (TR - 32)

Where an RCD is used as the main switch

RCD rated residual operating current: (TR - 33)

Measured operating time: (TR - 34)ms Rated time delay: (TR - 35)ms

PART 8: SCHEDULES AND ADDITIONAL PAGES

Schedule of Inspections

Page No(s): (3 & 4)

Schedule of Circuit Details and Test Results for the installation

Page No(s): (5+)

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PART 9 : 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 arrangment: (✓)
1.4 Meter tails:
a) Cutout fues to meter (✗)
b) Meter to consumer unit (✓)
1.5 Metering equipment: (✗)
1.6 Isolator (where present): (✓)

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: (✗)
2.2 Adequate arrangements where generating set operates in parallel with the public supply: (✓)
2.3 Presence of alternative / additional supply warning notices: (✗)

3. Automatic disconnection of supply

3.1 Presence and adequacy of earthing and protective bonding arrangements:
a) Installation earth electrode (where applicable) (✓)
b) Earthing conductor and connections, including accessibility (✗)
c) Main protective bonding conductors and connections, including accessibility (✓)
d) Provision of safety electrical earthing/bonding labels at all appropriate locations (✗)
e) RCD(s) provided for fault protection (✓)

4. Basic protection

4.1 Presence and adequacy of measures to provide basic protection (prevention of contact with live parts within the installation:
a) Insulation of live parts e.g. conductors completely covered with durable insulating material (✗)
b) Barriers or enclosures e.g. correct IP rating (✓)

5. Additional protection

5.1 Presence and effectiveness of additional protection methods:
a) RCD(s) not exceeding 30 mA operating current (✗)
b) Supplementary bonding (✓)

6. Other methods of protection

6.1 Presence and effectiveness of methods which give both basic and fault protection:
a) SELV system including the source and associated circuits (✗)
b) PELV system including the source and associated circuits (✓)
c) Double or reinforced insulation i.e. Class II or equivalent equipment and associated circuits (✗)
d) Electrical separation for one item of equipment e.g. shaver supply unit (✓)

7. Consumer unit(s)/ distribution board(s)

7.1 Adequacy of access and working space for items of electrical equipment including switchgear:(✗)
7.2 Components are suitable according to assembly manufacturers instructions or literature:(✓)
7.3 Presence of linked main switch(es):(✗)
7.4 Isolators, for every circuit or group of circuits and all items of equipment:(✓)
7.5 Suitability of enclosure(s) for IP and fire ratings: (✗)
7.6 Protection against mechanical damage where cables enter equipment:(✓)
7.7 Confirmation that ALL conductor connections are correctly located in terminals and are tight and secure:(✗)
7.8 Avoidance of heating effects where cables enter ferromagnetic enclosures e.g. steel:(✓)
7.9 Selection of correct type and ratings of circuit protective devices for overcurrent and fault protection:(✗)
7.10 Confirmation overvoltage protection (SPDs) provided where specified:(✓)
7.11 Indication of SPDs continued functionality confirmed:(✗)
7.12 Adequacy of AFDD(s), where specified: (✓)
7.13 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 (✓)
c) Periodic inspection and testing notice (✗)
d) Presence of RCD six-monthly notice, where required (✓)
e) Warning notice of non-standard (mixed) colours) of conductors present (✓)
7.14 Presence of labels to indicate the purpose of switchgear and protective devices:(✓)

8. Circuits

8.1 Adequacy of conductors for current-carrying capacity with regard to type and nature of the installation:(✗)
8.2 Cable installation methods suitable for the location(s) and external influences:(✓)
8.3 Segregation/separation of Band I (ELV) and Band II (LV) circuits, and electrical and non-electrical services:(✗)
8.4 Cables correctly erected and supported throughout, with protection against abrasion:(✓)
8.5 Provision of fire barriers, and sealing arrangements where necessary:(✗)
8.6 Non-sheathed cables enclosed throughout in conduit, ducting or trunking:(✓)
8.7 Conductors correctly identified by colour, lettering or numbering:(✗)
8.8 Presence, adequacy and correct termination of protective conductors:(✓)
8.9 Cables and conductors correctly connected, enclosed and with no undue mechanical strain:(✗)
8.10 No basic insulation of a conductor visible outside enclosure:(✓)
8.11 Single-pole devices for switching or protection in line conductors only:(✗)
8.12 Accessories not damaged, securely fixed, correctly connected, suitable for external influences:(✓)
8.13 Cables concealed under floors, above ceilings or in walls / partitions, adequately protected against damage:(✗)

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PART 9 : SCHEDULE OF ITEMS INSPECTED

8.14 Cables installed in walls / partitions, installed in prescribed zones:(✓)

8.15 Provision of additional protection by RCD not exceeding 30 mA:

a) For all socket-outlets with a rated current not exceeding 32 A (✗)

b) For supplies to mobile equipment with a current rating not exceeding 32 A for use outdoors (✓)

c) For cables concealed in walls/partitions at a depth of less than 50 mm (✗)

d) For cables concealed in walls/partitions containing metal parts regardless of depth (✓)

e) For circuits supplying luminaires within domestic (household) premises (✗)

8.16 Presence of appropriate devices for isolation and switching correctly located including:

a) Means of switching off for mechanical maintenance (✓)

b) Emergency switches (✗)

c) Functional switches, for control of parts of the installation and current-using equipment (✓)

9. Current-using equipment (permanently connected)

9.1 Suitability of equipment in terms of IP and fire ratings: (✗)

9.2 Enclosure not damaged / deteriorated so as to impair safety: (✓)

9.3 Suitability for the environment and external influences: (✗)

9.4 Security of fixing: (✓)

9.5 Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire: (✗)

9.6 Recessed luminaires (downlighters):

a) Correct type of lamps fitted (✓)

b) Installed to minimise build-up of heat (✗)

9.7 Adequacy of working space/ accessibility to equipment: (✓)

10. Location(s) containing a bath or shower

10.1 Additional protection by RCD not exceeding 30 mA:

a) For low voltage circuits serving the location (✗)

b) b) For low voltage circuits passing through Zone 1 and/or Zone 2 not serving the location (✓)

10.2 Where used as a protective measure, requirements for SELV or PELV are met: (✗)

10.3 Shaver sockets comply with *BS EN 61558-2-5:* (✓)

10.4 Presence of supplementary protective equipotential bonding unless not required by *BS 7671:2018:* (✗)

10.5 Low voltage (e.g. 230 volts) socket-outlets sited at least 3 m from Zone 1: (✓)

10.6 Suitability of equipment for external influences for installed location in terms of IP rating: (✗)

10.7 Suitability of equipment for installation in a particular zone: (✓)

11. Other Part 7 special installations or locations

11.1 List below any other special installations or locations which are part of the installation to be verified, and confirm that the additional requirements given in the respective section of Part 7 are fulfilled:

TR - 36 - Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Details must be appended on a separate numbered page.

SCHEDULE OF ITEMS INSPECTED BY

Name (capitals):	James Haworth
Signature :	*James Haworth*
Date :	22/09/2022

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PART 10: SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing

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

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: Live (mm2)	Circuit conductor csa: cpc (mm2)	Max. disconnection time (BS 7671)	Protective device: BS (EN)	Protective device: Type	Protective device: Rating	Protective device: Short-circuit capacity	Operating current,	Maximum permitted Zs for installed protective device **	Circuit Impedances: Ring final circuits only (measured end to end): (line)	Circuit Impedances: Ring final circuits only (measured end to end): (Neutral)	Circuit Impedances: Ring final circuits only (measured end to end): (cpc)	Circuit Impedances: All circuits (complete at least one column): (R, +R)	Circuit Impedances: All circuits (complete at least one column): (R2)	Insulation resistance: Live / Live	Insulation resistance: Live / Earth	Insulation resistance: Test Voltage DC	Polarity	Max measured earth fault loop impedance, Zs	RCD Operating Time	Test buttons: RCD	Test buttons: AFDD
CF - Circuit number	CF - Circuit description	CF - Type of wiring	CF - Reference method	CF - Number of points served	CF - Circuit conductor csa : Live (mm2)	CF - Circuit conductor csa : cpc (mm2)	CF - Max disconnection time	BS 3871	Type B	10	TR - 1	TR - 2	3.68	TR - 4	TR - 5	TR - 6	TR - 7	TR - 8	TR - 9	TR - 10	TR - 11	TR - 12	TR - 13	TR - 14	TR - 15	TR - 16

Location of consumer unit: TR - 17 **Designation:** TR - 18 **Prospective fault current at consumer unit (where applicable)** TR - 19

TESTED BY : James Haworth

Name (capitals) : JAMES HAWORTH **Position :** Director **Signature :** James Haworth **Date :** 10/10/2022

TEST INSTRUMENTS (enter serial number against each instrument used) :

Multi-function : TR - 20 **Continuity :** TR - 21 **Insulation resistance :** TR - 22 **Earth fault loop impedance :** TR - 23 **Earth electrode resistance :** TR - 18 **RCD :** TR - 24

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PART 10: SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing

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

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: Live (mm2)	Circuit conductor csa: cpc (mm2)	Max. disconnection time (BS 7671)	Protective device: BS (EN)	Protective device: Type	Protective device: Rating	Protective device: Short circuit capacity	Operating current,	Maximum permitted Zs for installed protective device **	Circuit Impedances: Ring final circuits only (measured end to end): (line)	Circuit Impedances: Ring final circuits only (measured end to end): (Neutral)	Circuit Impedances: Ring final circuits only (measured end to end): (cpc)	Circuit Impedances: All circuits (complete at least one column): (R, +R)	Circuit Impedances: All circuits (complete at least one column): (R2)	Insulation resistance: Live / Live	Insulation resistance: Live / Earth	Insulation resistance: Test Voltage DC	Polarity	Max measured earth fault loop impedance, Zs	RCD Operating Time	Test buttons: RCD	Test buttons: AFDD
CF2 - CN	CF2 - CD	CF2 - TOW	CF2 - RM	CF2 - NOPS	CF2 - CCCL	CF2 - CCCC	CF2 - MDT	BS 1361 or BS 1362	Types 3 and C	15	TR - 1	TR - 2	2.62	TR - 4	TR - 5	TR - 6	TR - 7	TR - 8	TR - 9	TR - 10	TR - 11	TR - 12	TR - 13	TR - 14	TR - 15	TR - 16

Location of consumer unit: TR - 17 **Designation:** TR - 18 **Prospective fault current at consumer unit (where applicable)** TR - 19

TESTED BY : James Haworth

Name (capitals) : JAMES HAWORTH **Position :** Director **Signature :** James Haworth **Date :** 10/10/2022

TEST INSTRUMENTS (enter serial number against each instrument used) :

Multi-function : TR - 20 **Continuity :** TR - 21 **Insulation resistance :** TR - 22 **Earth fault loop impedance :** TR - 23 **Earth electrode resistance :** TR - 18 **RCD :** TR - 24