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Domestic Electrical Installation Condition Report

Certificate Number: DE002

PART 1: DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

DETAILS OF THE CONTRACTOR			
Registration No:	Test-NICEIC ID-123		
Trading Title:	Simplementary		
Address:	148 Upper Richmond Rd		
	Putney		
Postcode:	SW15 2SW	Tel No:	020 8780 3651

DETAILS OF THE CLIENT			
Name	Tes T Customer		
Address	Unit 10 Justin Business Park Sandford Lane		
	Wareham, Dorset		
	United Kingdom		
Post Code	landlord_post_code	Tel No:	01254238672

DETAILS OF THE INSTALLATION			
Contractor Reference Number (CRN):	NICEIC-ID-TEST		
Name	Mrs Demi Onstration		
Address	1 St. Georges House Vernon Gate		
	Derby, Derbyshire		
Post Code	DE1 1UQ	Tel No:	07821668450

PART 2 : PURPOSE OF THE REPORT

Purpose for which this report is required 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. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Date(s) when inspection and testing was carried out (TR - 2) Records available (Yes) Previous inspection report available (No) Previous report date (22/09/2022)

PART 3 : SUMMARY OF THE CONDITION OF THE INSTALLATION

Expanding text fields. Comment/advice type fields can dynamically expand to accommodate the text.

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

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 exerci ullamco irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim

Estimated age of electrical installation (TR - 4) years Evidence of additions or alterations (Yes) Overall assessment of the installation is (Unsatisfactory)

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 of the inspection and testing.

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

PART 5 : NEXT INSPECTION

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

Give reason for recommendation: TR - 6

Configurable Filenames. Including date, job no and custom text.

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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 F1 'Further Investigation Required'

Item No	Observation(s)	Urgent remedial action required	Immediate remedial action required	Improvement Recommended	Further Investigation Required	Code	Location Reference
1	TROb - 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. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.	✗	✓	✓	✗	C3	TROb - 2 - Location

Observations section expands to include as many as required.

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PART 7 : DETAILS AND LIMITATIONS ON 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: TR - 7

Agreed limitations including the reasons, if any, on the inspection and testing: TR - 9 Agreed with: (TR - 8)

Extent of sampling (inspection only): TR - 10

Operational Limitations including the reasons: TR - 11

PART 8 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements

TN-C-S: (.....) TN-S: (✓) TT: (.....)

Other (state) TR - 12

Supply protective device

(BS (EN) TR - 13)

Type (TR - 14) Rated current (TR - 15)A

Name and type of live conductors

AC 1-phase, 2 wire: (No)

Other (state) TR - 16

Confirmation of supply polarity: (X)

Other sources of supply (as detailed on attached schedule)

Nature of supply parameters

Nominal line voltage to Earth, U_o: (TR - 17) V

Nominal frequency, f: (TR - 18) Hz

Prospective fault current, $I_{pf}^{(1)*}$: (TR - 19) kA

External loop impedance, $Z_e^{(1)*}$: (TR - 20) Ω

PART 9: PARTICULARS OF INSTALLATION REFERRED TO IN THIS REPORT

Means of Earthing

Distributor's facility: (Installation earth electrode)

Installation earth electrode: (TR - 21)

Where an earth electrode is used insert

Type rod(s), tape, etc (TR - 22)

Location: (TR - 23)

Electrode resistance to Earth: (TR - 24) Ω

Main protective conductors

Earthing conductor:

(material TR - 25 csa TR - 26 mm2)

Connection / continuity verified: (X)

Main protective bonding conductors:

(material TR - 27 csa TR - 28 mm2)

Connection / continuity verified (✓)

Main protective bonding connections

Water installation pipes:(X)

Gas installation pipes: (✓)

Structural steel: (X)

Oil installation pipes: (✓)

Lighting protection: (X)

Other (state): (TR - 29)

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

Type: (BS (EN) TR - 31)

Location: (TR - 32)

No. of poles: (TR - 33) Rating / setting of device: (TR - 34)

Current Rating: (TR - 36) Voltage Rating: (TR - 35)

Where an RCD is used as the main switch

RCD rated residual operating current: (TR - 37)

Measured operating time: (TR - 38)ms Rated time delay: (TR - 39)ms

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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 fuses 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. Earthing and bonding arrangements

3.1 Presence and condition of distributor's earthing arrangement: (✓)
3.2 Presence and condition of earth electrode connection, where appropriate: (✗)
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 other protective bonding 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 chart, 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: (✓)
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: (✓)
4:19 Adequacy of AFDD(s), where specified: (✗)
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): (✓)
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: (✗)
b) For mobile equipment not exceeding a rating of 32 A for use outdoors: (✓)
c) For cables concealed in walls / partitions at a depth of less than 50 mm: (✗)

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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 : (✗)

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 the 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 it 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

7.7 Recessed luminaires (downlighters):

a) Correct type of lamps fitted (✗)

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

c) No signs of overheating to surrounding building fabric (✗)

d) No signs of overheating to conductors / terminations (✓)

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: (✗)

8.3 Shaver sockets comply with BS EN 61558-2-5 (formerly BS 3535): (✓)

8.4 Presence of supplementary bonding conductors unless not required by BS 7671: 2018 : (✗)

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

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: TR - 40 - 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. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

SCHEDULE OF ITEMS INSPECTED BY

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

PART 11 : SCHEDULE OF ITEMS INSPECTED

Schedule of inspections	**Schedule of Circuit Details and Test Results for the installation**
Page No(s). (4 & 5)	Page No(s). (6+)

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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 3036	Type 2	15	TRC - 1	TRC - 2	TRC - 3	TRC - 4	TRC - 5	TRC - 6	TRC - 7	TRC - 8	TRC - 9	TRC - 10	TRC - 11	TRC - 12	TRC - 13	TRC - 14	TRC - 15	TRC - 16

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

TESTED BY : James Haworth

Name (capitals) : JAMES HAWORTH **Position :** Director **Signature :** James Haworth **Date :** 11/10/2022

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

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

Generate multiple pages, one per distribution board.

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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		Max. disconnection time (BS 7671)	Protective device				Operating current.	Maximum permitted Zs for installed protective device **	Circuit Impedances					Insulation resistance			Polarity	Max measured earth fault loop impedance, Zs	RCD Operating Time	Test buttons	
					Live (mm2)	cpc (mm2)		BS (EN)	Type	Rating	Short-circuit capacity			Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test Voltage DC				RCD	AFDD
														(line)	(Neutral)	(cpc)	(R, +R)	(R2)								
CF2 - Circuit number	CF2 - Circuit description	CF2 - Type of wiring	CF2 - Reference method	CF2 - Number of points served	CF2 - Circuit conductor csa : Live (mm2)	CF2 - Circuit conductor csa : cpc (mm2)	CF2 - Max disconnection time	BS 88-2 Fuse systems E (bolted) and G (clip in)	Type 2	25	TRC - 1	TRC - 2	TRC - 3	TRC - 4	TRC - 5	TRC - 6	TRC - 7	TRC - 8	TRC - 9	TRC - 10	TRC - 11	TRC - 12	TRC - 13	TRC - 14	TRC - 15	TRC - 16

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

TESTED BY : James Haworth

Name (capitals) : JAMES HAWORTH **Position :** Director **Signature :** James Haworth **Date :** 11/10/2022

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

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