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ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART 1 : DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

DETAILS OF THE CONTRACTOR

(*Where applicable)

Registration N°: 028288000 Branch N°*: 000

Trading Title: R J Electrical Services Ltd

Address: Unit 3a, Barnack Industrial Esta, Kingsway, Salisbury

Postcode: SP2 0AW Tel No: 01722741091

DETAILS OF THE CLIENT

Contractor Reference Number (CRN): 25177

Name: Wessex RFCA

Address: Wessex Reserve Forces & Cadets Association, Mount House, Mount Street, Taunton, Somerset

Postcode: TA1 3QE Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: N/A

UPRN: N/A

Address: Wessex ACF, Tilshead, Salisbury, Wiltshire

Postcode: SP3 4RX Tel No: N/A

PART 2 : PURPOSE OF THE REPORT

Purpose for which this report is required: Scheduled inspection

Date(s) when inspection and testing was carried out: (27/02/2024 - 29/02/2024) Records available (651.1): (✔) Previous inspection report available (651.1): (✔) Previous report date: (21/10/2018)

PART 3 : SUMMARY OF THE CONDITION OF THE INSTALLATION

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

Description of premises Dwelling: (N/A) Commercial: (N/A) Industrial: (N/A) Other (include brief description): Training center

Estimated age of electrical installation: (30) years Evidence of additions or alterations: (✔) if Yes, estimated age 2 years) Overall assessment of the installation for continued use: ~~Satisfactory~~/**Unsatisfactory**** (delete as appropriate)

**An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2) conditions have been identified (listed in PART 5 of this report) and it is recommended that these are acted upon as a matter of urgency.

PART 4 : DECLARATION

INSPECTION AND TESTING

I/We, being the person responsible for the inspection and testing of the electrical installation (as indicated by my/our signature below), particulars of which are described in PART 6, having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations (PART 5) and the attached Schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations in PART 6 of this report.

Name (capitals) on behalf of the contractor identified in PART 1: IAN TANNER Signature: IB Tan Date: 27/02/2024

I/We further RECOMMEND, subject to the necessary remedial action being taken, that the installation is inspected and tested by: 27/02/2029 (date)

Give reason for recommendation: Training center used by students

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.

REVIEWED BY THE REGISTERED QUALIFIED SUPERVISOR FOR THE CONTRACTOR

Name (capitals) on behalf of the contractor identified in PART 1: ROBERT COOMBS Signature: RC Date: 05/03/2024

Enter a (✓) or value in the respective fields, as appropriate.
Where an item is not applicable insert N/A

Please see the 'Notes for Recipients'

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PART 5 : OBSERVATIONS

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 9), the attached **Schedule of Circuit Details and Test Results** (see PART 11A & 11B), and subject to any **agreed limitations** listed in PART 6 –

No remedial action is required (✗), **OR** The following observations are made:

Item No	Observation(s)	Code	Location Reference
1	3.1 Unable to verify main earthing arrangement.	FI	Main intake
2	4.3 Neutral bar support in DB AB2C has deteriorated to the point where it could be a possible fire hazard from arcing between the two sections. Temporary link has been fitted to support this. Replacement DB required.	C2	Accom block 2
3	5.23RCD's protecting distribution circuits for DB 5&7 and workshop are inside the main distribution board and not accessible without removing panels. this would mean shutting down the hole site to reset. Poor design	C3	MCP1
4	6.3 Low insulation reading on Cct 1 Lighting	FI	Accom block 2
5	External socket to block with office broken and requires replacement	C2	building near gate
6	3 showers failed, two electrically and third has water leak, two in male cadets and third in adult male shower room.	C3	shower rooms
7	Two heaters have failed, one in male cadets and one in female cadets	C3	Shower rooms
8	Photo cell to bollard lighting has failed so lights on permanently	C3	accom blk 3
9	Single insulated tales to drying room container travel through metal structure from external adaptable box with no mechanical protection.	C2	Drying room
10	r1r2 and zs readings high on sockets for length of run in classroom, DB5. one sircuit starts as 6mm in fuse board and is 2.5mm at socket outlets. possible poor connections	FI	Classroom building
11	Heaters in classroom building wired in 1.5mm and two circuits protected by 20mcb's. the other two by 16a mcb's. switched fuse spurs are used for heaters so in effect they can only pull a max of 13amps.	C3	classroom blockDB5
12	Lighting in male shower area not functioning, possible sensor failure	FI	male showers

Additional pages? (None) State page numbers: (N/A)

Immediate remedial action required for items: (N/A)

Urgent remedial action required for items: (2,5,9)

Improvement recommended for items: (3,6,7,8,11)

Further investigation required for items: (1,4,10,12)

Please see the 'Guidance for recipients on the classification codes'

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ELECTRICAL INSTALLATION CONDITION REPORT

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Original (to the person ordering the work)

PART 6 : DETAILS AND LIMITATIONS OF THE INSPECTION AND TESTING

The inspection and testing has been carried out in accordance with *BS 7671: 2018*, as amended to N/A (date). 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 electrical installation covered by this report: Fixed wiring only (see additional page No. N/A)

Agreed limitations including the reasons, if any, on the inspection and testing (653.2): Visual check of outside lighting only, where isolators to heaters are within the cages, these heaters have not been tested, new led strip lighting to shower and toilet blocks are difficult to open without damaging so r2 tests have been carried out on these at the earthing screw on the end and zS readings taken on emergency lights.

Agreed with (print name): POC

Extent of sampling: 25% (see additional page No. N/A)

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

PART 7 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements

TN-C: (N/A) TN-S: (N/A) TN-C-S: (N/A)

TT: (N/A) IT: (N/A)

Supply protective device

BS EN: (LIM) Type: (N/A) Rated current: (LIM) A

Number and type of live conductors

AC 1-phase, 2-wire: (N/A) 2-phase, 3-wire: (N/A)

3-phase, 3-wire: (N/A) 3-phase, 4-wire: (✔)

DC 2-wire: (N/A) 3-wire: (N/A) Other: (N/A)

Confirmation of supply polarity: (✔)

Other sources of supply (Schedule of Test Results) Page No: (N/A)

Nature of supply parameters

Nominal voltage between lines, U [1]:	(400) V
Nominal line voltage to Earth, U_0 [1]:	(230) V
Nominal frequency, f [1]:	(50) Hz
Prospective fault current, I_{pf} [2]*:	(2.5) kA
External earth fault loop impedance, Z_e [2]*:	(0.08) Ω

[1] By enquiry

[2] By enquiry or by measurement

PART 8 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS REPORT

Maximum demand (load): (N/A) ~~kW/A~~ (*delete as appropriate*)

Means of Earthing

Distributor's facility: (N/A)

Installation earth electrode(s): (N/A)

Earth electrode type – rod(s), tape, etc: (N/A)

Location: (N/A)

Electrode resistance to Earth: (N/A) Ω

Main protective conductors

Earthing conductor:

(material N/A)

csa (N/A) mm² Connection/continuity verified: (✔)

Main protective bonding conductors:

(material Copper)

csa (N/A) mm² Connection/continuity verified: (N/A)

Main protective bonding connections

Water installation pipes:	(N/A)
Gas installation pipes:	(N/A)
Structural steel:	(✔)
Oil installation pipes:	(N/A)
Lightning protection:	(N/A)
Other (state):	
N/A	(N/A)
N/A	(N/A)

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

Location: (in mains cupboard)

BS EN: (60947-3) Type: (3) Rating / setting of device: ( ) A

No. of poles: (3) Current rating: (400) A Voltage rating: (415) V

Where an RCD is used as the main switch

RCD rated residual operating current, $I_{\Delta n}$: ( ) mA RCD Type: (AC)

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

*Where the installation is supplied by more than one source, the higher or highest values of prospective fault current, I_{pf}, and external earth fault loop impedance, Z_e, 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 5, with additional comments (where appropriate) on attached numbered sheets)

ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

PART 9 : SCHEDULE OF ITEMS INSPECTED (enter ✓, N/A or Classification Code C1, C2, C3 or FI, as applicable)

1.0 Intake equipment (visual inspection only)

An outcome against an item in section 1.1, other than access to live parts, should not be used to determine the overall assessment of the installation. Where inadequacies are identified, a cross should be put against the appropriate item and a comment made in Part 5 of this report.

1.1 Distributor / supplier intake equipment

- Service cable (✓)
- Service head (✓)
- Earthing arrangement (✓)
- Meter tails (✓)
- Metering equipment (✓)
- Isolator, where present (✓)

Where inadequacies in the intake equipment are encountered, which may result in a dangerous or potentially dangerous situation, the person ordering the work and / or dutyholder must be informed.

It is strongly recommended that the person ordering the work informs the appropriate authority.

1.2 Consumer's isolator, where present (✓)

1.3 Consumer's meter tails (✓)

2.0 Presence of adequate arrangements for parallel or switched alternative sources

2.1 Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6) (N/A)

2.2 Adequate arrangements where a generating set operates in parallel with the public supply (551.7) (N/A)

3.0 Methods of protection

3.1 Automatic disconnection of supply (ADS)

- Main earthing / bonding arrangement (411.3; Chap. 54) (FI)
- Presence of distributor's earthing arrangement (542.1.2.1; 542.1.2.2), or presence of installation earth electrode arrangement (542.1.2.3) (✓)
- Adequacy of earthing conductor size (542.3; 543.1.1) (✓)
- Adequacy of earthing conductor connections (542.3.2) (✓)
- Accessibility of earthing conductor connections (543.3.2) (✓)
- Adequacy of main protective bonding conductor sizes (544.1.1) (✓)
- Adequacy and location of main protective bonding conductor connections (544.1.2) (LIM)
- Accessibility of all protective bonding connections (543.3.2) (✓)
- Provision of earthing / bonding labels at all appropriate locations (514.13.1) (✓)

3.2 FELV - requirements satisfied (411.7) (N/A)

3.3 Other methods of protection

Where any of the methods listed below are employed, details should be provided on separate sheets

- Non-conducting location (418.1) (N/A)
- Earth-free local equipotential bonding (418.2) (N/A)
- Electrical separation (413; 418.3) (N/A)
- Double insulation (412) (N/A)
- Reinforced insulation (412) (N/A)
- Provisions where automatic disconnection of supply is not feasible (419) (N/A)

4.0 Distribution equipment, including consumer units and distribution boards

4.1 Adequacy of working space / accessibility to equipment (132.12; 513.1) (✓)

4.2 Security of fixing (134.1.1) (✓)

4.3 Condition of insulation of live parts (416.1) (C2)

4.4 Adequacy security of barriers or enclosures (416.2.3) (✓)

4.5 Condition of enclosure(s) in terms of IP rating, etc. (416.2) (✓)

4.6 Condition of enclosure(s) in terms of fire rating, etc. (421.1.201; 421.1.6; 526.5) (✓)

4.7 Enclosure not damaged / deteriorated so as to impair safety (651.2) (✓)

4.8 Presence and effectiveness of obstacles (417.2) (✓)

4.9 Presence of main switch(es), linked where required (462.1; 462.1.201; 462.2) (✓)

4.10 Operation of main switch(es) (functional check) (643.10) (✓)

4.11 Manual operation of circuit-breakers, RCDs and AFDDs to prove functionality (643.10) (✓)

4.12 Confirmation that integral test button / switch causes RCD(s) to trip when operated (functional check) (643.10) (✓)

4.13 RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.4.5; 411.5.2; 531.2) (✓)

4.14 RCD(s) provided for additional protection / requirements, where required - includes RCBOs (411.3.3; 415.1) (✓)

4.15 Presence of RCD six-monthly test notice, where required (514.12.2) (✓)

4.16 Confirmation that integral test button / switch, where present, causes AFDD to trip when operated (643.10) (✓)

4.17 Presence of diagrams, charts or schedules at or near equipment, where required (514.9.1) (✓)

4.18 Presence of alternative supply warning notice at or near equipment, where required (514.15) (N/A)

4.19 Presence of next inspection recommendation label, where required (514.12.1) (✓)

4.20 Presence of other required labelling (please specify) (514) (✓)

4.21 Compatibility of protective devices, bases and other components; correct type and rating (no signs of unacceptable thermal damage, arcing or overheating) (432; 433; 434) (✓)

4.22 Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) (✓)

4.23 Protection against mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11) (✓)

4.24 Protection against electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1) (✓)

5.0 Distribution circuits

5.1 Identification of conductors (514.3) (✓)

5.2 Cables correctly supported throughout their run (521.10.202; 522.8.5) (✓)

5.3 Condition of insulation of live parts (416.1) (✓)

5.4 Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) (✓)

5.5 Suitability of containment systems for continued use (including flexible conduit) (522) (✓)

5.6 Cables correctly terminated in enclosures (526) (✓)

5.7 Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1) (✓)

5.8 Examination of cables for signs of unacceptable thermal or mechanical damage / deterioration (421.1; 522.6) (✓)

5.9 Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (523) (✓)

PART 9 : SCHEDULE OF ITEMS INSPECTED (enter ✓, N/A or Classification Code C1, C2, C3 or FI, as applicable)

5.10 Adequacy of protective devices; type and rated current for fault protection (411.3) (✓)

5.11 Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) (✓)

5.12 Coordination between conductors and overload protective devices (433.1; 533.2.1) (✓)

5.13 Cable installation methods / practices with regard to the type and nature of installation and external influences (522) (✓)

5.14 Where exposed to direct sunlight, cable of a suitable type (522.11.1) (✓)

5.15 Cables concealed under floors, above ceilings, in walls / partitions, adequately protected against damage (522.6.201; 522.6.202; 522.6.203; 522.6.204) –

- Installed in prescribed zones (see Section D. *Extent and limitations*) (522.6.202) (LIM)
- Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section D) (522.6.201; 522.6.204) (✓)

5.16 Provision of fire barriers, sealing arrangements and protection against thermal effects (527) (✓)

5.17 Band II cables segregated / separated from Band I cables (528.1) (✓)

5.18 Cables segregated / separated from non-electrical services (528.3) (✓)

5.19 Condition of circuit accessories (651.2) (✓)

5.20 Suitability of circuit accessories for external influences (512.2) (✓)

5.21 Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) (✓)

5.22 Adequacy of connections, including cpcs, within accessories and to fixed and stationary equipment - identify / record numbers and locations of items inspected (526) (✓)

5.23 Presence, operation and correct location of appropriate devices for isolation and switching (Chap. 46; 537) (C3)

5.24 General condition of wiring system (651.2) (✓)

5.25 Temperature rating of cable insulation (522.1.1; Table 52.1) (✓)

6.0 Final circuits

6.1 Identification of conductors (514.3) (✓)

6.2 Cables correctly supported throughout their run (521.10.202; 522.8.5) (✓)

6.3 Condition of insulation of live parts (416.1) (FI)

6.4 Non-sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) (✓)

6.5 Suitability of containment systems for continued use (including flexible conduit) (522) (✓)

6.6 Adequacy of cables for current-carrying capacity with regard for the type and nature of installation (523) (✓)

6.7 Adequacy of protective devices; type and rated current for fault protection (411.3) (✓)

6.8 Presence and adequacy of circuit protective conductors (411.3.1.1; 543.1) (✓)

6.9 Co-ordination between conductors and overload protective devices (433.1; 533.2.1) (✓)

6.10 Wiring system(s) appropriate for the type and nature of the installation and external influences (522) (✓)

6.11 Where exposed to direct sunlight, cable of a suitable type (522.11.1) (✓)

6.12 Cables concealed under floors, above ceilings, in walls / partitions, adequately protected against damage (522.6.201; 522.6.202; 522.6.203; 522.6.204) –

- Installed in prescribed zones (see Section D. *Extent and limitations*) (522.6.202) (LIM)
- Incorporating earthed armour or sheath, or run within earthed wiring system, or otherwise protected against mechanical damage by nails, screws and the like (see Section D) (522.6.201; 522.6.204) (LIM)

6.13 Provision of additional protection by RCD having rated residual operating current not exceeding 30 mA –

- *For all socket-outlets of rating 32 A or less (411.3.3) (✓)

Additional protection by RCD may not have been provided as a noted exception in certain non-domestic installations covered by indent (ii) of Regulation 411.3.3.

- *For the supply of mobile equipment not exceeding 32 A rating for use outdoors (411.3.3) (✓)
- *For cables concealed in walls at a depth of less than 50 mm (522.6.202) (✓)
- *For cables concealed in walls / partitions containing metal parts regardless of depth (522.6.203) (✓)
- *For final circuits supplying luminaires within domestic (household) premises (411.3.4) (✓)

** Older installations designed prior to BS 7671: 2018 may not have required RCDs for additional protection.*

6.14 Provision of fire barriers, sealing arrangements and protection against thermal effects (527) (✓)

6.15 Band II cables segregated / separated from Band I cables (528.1) (✓)

6.16 Cables segregated / separated from non-electrical services (528.3) (✓)

6.17 Termination of cables at enclosures - identify / record numbers and locations of items inspected (526) –

- Connection under no undue strain (526.6) (✓)
- No basic insulation of a conductor visible outside enclosure (526.8) (✓)
- Connections of live conductors adequately enclosed (526.5) (✓)
- Adequately connected at point of entry to enclosure (glands, bushes, etc.) (522.8.5) (✓)

6.18 Condition of accessories including socket-outlets, switches and joint boxes (651.2) (✓)

6.19 Suitability of accessories for external influences (512.2) (✓)

6.20 Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3) (✓)

7.0 Isolation and switching

7.1 Isolators –

- Presence and condition of appropriate devices (462; 537.2) (✓)
- Acceptable location - state if local or remote from equipment in question (462; 537.2.7) (✓)
- Capable of being secured in the OFF position (462.3) (✓)
- Correct operation verified (643.10) (✓)
- Clearly identified by position and / or durable marking (537.2.7) (✓)
- Warning label posted in situations where live parts cannot be isolated by the operation of a single device (514.11.1; 537.1.2) (✓)

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PART 9 : SCHEDULE OF ITEMS INSPECTED (enter ✓, N/A or Classification Code C1, C2, C3 or FI, as applicable)

7.2 Switching off for mechanical maintenance –
- Presence and condition of appropriate devices (464.1; 537.3.2) (✓)
- Capable of being secured in the OFF position where not under continuous supervision (464.2) (✓)
- Correct operation verified (643.10) (✓)
- Clearly identified by position and / or durable marking (537.3.2.4) (✓)

7.3 Emergency switching off –
- Presence and condition of appropriate devices (465; 537.3.3; 537.4) (✓)
- Readily accessible for operation where danger might occur (537.3.3.6) (✓)
- Correct operation verified (643.10) (✓)
- Clearly identified by position and / or durable marking (537.3.3.5; 537.3.3.6; 537.4.3; 537.4.4) (✓)

7.4 Functional switching –
- Presence and condition of appropriate devices (537.3.1.1; 537.3.1.2) (✓)
- Correct operation verified (643.10) (✓)

8.0 Current-using equipment (permanently connected)

8.1 Condition of equipment in terms of IP rating, etc. (416.2; 422.3; 422.4; 522.4) (✓)

8.2 Equipment does not constitute a fire hazard (421) (✓)

8.3 Enclosure not damaged / deteriorated so as to impair safety (134.1.1; 416.2) (✓)

8.4 Suitability for the environment and external influences (512.2) (✓)

8.5 Security of fixing (134.1.1) (✓)

8.6 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 (separate page) (527.2) (✓)

8.7 Recessed luminaires (downlighters) –
- Correct type of lamps fitted (559.3.1) (N/A)
- Installed to minimise build-up of heat by use of "fire rated" fittings, insulation displacement box or similar (421.1.2) (N/A)
- No signs of overheating to surrounding building fabric (559.4.1) (N/A)
- No signs of overheating to conductors / terminations (526.1) (N/A)

9.0 Special locations and installations

Where special installations or locations relating to a particular Section of Part 7, an additional Inspection Schedule(s) should be provided on separate pages.

9.1 Location(s) containing a bath or shower –
- Additional protection by RCD having rated residual operating current not exceeding 30 mA for all low voltage (LV) circuits serving the location or passing through zones 1 and / or 2 of the location (701.411.3.3) (✓)
- Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5) (✓)
- Shaver supply units complying with *BS EN 61558-2-5* formerly *BS 3535* (701.512.3) (N/A)
- Presence of supplementary bonding conductors, unless not required by *BS 7671: 2018* (701.415.2) (✓)
- Low voltage (e.g. 230 volt) socket-outlets sited at least 2.5 m from zone 1 (701.512.3) (N/A)
- Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2) (✓)
- Suitability of accessories and controlgear etc. for a particular zone (701.512.3) (✓)
- Suitability of current-using equipment for particular position within the location (701.55) (✓)

9.2 Other special installations or locations –
N/A (N/A)

10.0 Prosumer's low voltage installation (N/A)

Where elements of a prosuming installation falling within the scope of Chapter 82 are covered by the report, additional schedules detailing the associated inspection and testing should be provided on separate pages.

Schedule of Items Inspected by

Name (capitals): IAN TANNER

Signature: B S Tanner Date: 29/02/2024

PART 10 : SCHEDULES AND ADDITIONAL PAGES (the pages identified are an essential part of this report (see Regulation 653.2))

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 9.2 above)	Schedules relating to Prosumer's installations (indicated in item 10 above)	Continuation sheets
Page No(s): 4, 5 & 6	Page No(s): 7 & 8	Page No(s): None	Page No(s): None	Page No(s): None	Page No(s): None

This report is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

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PART 11A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part 11B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)

Circuit number	Circuit description	Type of wiring (see footer to PART 11B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671)	Overcurrent protective device					RCD			
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Zs* (Ω)	BS (EN)	Type	Rating (A)	Operating current, $I_{\Delta n}$ (mA)
1tp	DBAB2C	F	D	1	16	Sheath	5	60947-2	MCCB	100						
2tp	DB SH	D		1	120	70	5	60947-2	MCCB	160						
3tp	DBAB3N	F	D	1	16	Sheath	5	60947-2	MCCB	100						
4tp	DB 6	F	D	1	50	Sheath	5	60947-2	MCCB	160						
5tp	Surge protection	B		1	10	10	0.4	60947-2	MCCB	32						
6tp	spare															
7tp	spare															
8tp	spare															
9l1	DB LTG	D		1	16	16		60947-2	MCCB	60						
9l2	Not used							60947-2	MCCB	60			61008	A	63	30
9l3	DB 5	F	D	1	16	Sheath	5	60947-2	MCCB	60			61008	A	63	30
10tp	DBAB1S	F	D	1	16	Sheath	5	60947-2	MCCB	100						
11tp	DB PWR	D		1	25	16	5	60947-2	MCCB	100						
12l1	DB 7	F	D	1	16	Sheath	5	60947-2	MCCB	60			61008	A	63	30
12l2	DB WORKSHOP	F	D	1	16	Sheath	5	60947-2	MCCB	60			61008	A	63	30
12l3	DRYING ROOM	D		1	16	16	5	60947-2	MCCB	60						

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: MCP 1

Location of DB: Plant room rear of male/female shower

Z_{db}: 0.08 (Ω) I_{pf} at DB†: 2.5 (kA)

Confirmation of supply polarity: (✔) Phase sequence confirmed†: (✔)

SPD Details** Types: T1 (N/A) T2 (✔) T3 (N/A) N/A (N/A)

Status indicator checked (where functionality indicator is present): (✔)

**SPD Type.

Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.

Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART 11B), (See Section 534 for further details).

Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: N/A

Overcurrent protective device for the distribution circuit

BS (EN): (N/A) Type: (N/A) Nominal voltage: (N/A) V Rating: (N/A) A No. of phases: (N/A)

Associated RCD (if any)

BS (EN): (N/A) RCD Type: (N/A) $I_{\Delta n}$: (N/A) mA No. of poles: (N/A) Operating time: (N/A) ms

This report is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A

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

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **EICR18.2c**

ELECTRICAL INSTALLATION CONDITION REPORT

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART 11B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part 11A)

Circuit number	Continuity (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD		AFDD**	Comments and additional information, where required
	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			Operating time*	Test button	AFDD test button	
	(Line) r_1	(Neutral) r_n	(cpc) r_2	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(V)	(✓)	(Ω)	(ms)	(✓)	(✓)	
1tp				lim		500	500	1000	✔	0.26				
2tp				lim		500	500	1000	✔	0.08				
3tp				lim		500	500	1000	✔	0.30				
4tp														
5tp														
6tp														
7tp														
8tp														
9l1														
9l2														
9l3				lim		500	500	500	✔	0.34	20.8	✔		
10tp				lim		500	500	1000	✔	0.59				
11tp				lim		500	500	1000	✔	0.1				
12l1				lim		500	500	1000	✔	0.52	20.7	✔		
12l2				lim		500	500	1000	✔	0.19	20.8	✔		
12l3				lim		500	500	1000	✔	0.18				

Circuits/equipment vulnerable to damage when testing (where applicable): N/A

TESTED BY Name (capitals): IAN TANNER Position: electrician Signature: IS Tanner Date: 27/02/2024

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
A112321	N/A	N/A	N/A	N/A	N/A

* RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$)

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

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	Other (state): N/A

Enter a (✓), (✗) or value in the respective fields, as appropriate
Where an item is not applicable insert N/A

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)

Circuit number	Circuit description	Type of wiring (see footer to PART B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671)	Overcurrent protective device					RCD			
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Zs* (Ω)	BS (EN)	Type	Rating (A)	Operating current, $I_{\Delta n}$ (mA)
1l1	male shower 1	O	LIM	1	10	6	0.4	61009	C	45	16		61009	A	45	30
1l2	male shower 2	O	LIM	1	10	6	0.4	61009	C	45	16		61009	A	45	30
1l3	male shower 3	O	LIM	1	10	6	0.4	61009	C	45	16		61009	A	45	30
2l1	male shower 4	O	LIM	1	10	6	0.4	61009	C	45	16		61009	A	45	30
2l2	male shower 5	O	LIM	1	10	6	0.4	61009	C	45	16		61009	A	45	30
2l3	male shower 6	O	LIM	1	10	6	0.4	61009	C	45	16		61009	A	45	30
3tp	metering															
4tp	metering below via 1a fuses not tested															
5l1	adult shower 1	O	LIM	1	10	6	0.4	61009	C	45	16		61009	A	45	30
5l2	adult shower 2	O	LIM	1	10	6	0.4	61009	C	45	16		61009	A	45	30
5l3	adult shower 3	O	LIM	1	10	6	0.4	61009	C	45	16		61009	A	45	30
6l1	adult shower 4	O	LIM	1	10	6	0.4	61009	C	45	16		61009	A	45	30
6l2	female shower 1	O	LIM	1	10	6	0.4	61009	C	45	16		61009	A	45	30
6l3	female shower 2	O	LIM	1	10	6	0.4	61009	C	45	16		61009	A	45	30
7l1	female shower 3	O	LIM	1	10	6	0.4	61009	C	45	16		61009	A	45	30
7l2	female shower 4	O	LIM	1	10	6	0.4	61009	C	45	16		61009	A	45	30
7l3	female shower 5	O	LIM	1	10	6	0.4	61009	C	45	16		61009	A	45	30
8l1	female shower 6	O	LIM	1	10	6	0.4	61009	C	45	16		61009	A	45	30

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: DB SH

Location of DB: Adjacent incoming mains

Z_{db}: 0.08 (Ω) I_{pf} at DB†: 2.7 (kA)

Confirmation of supply polarity: (✔) Phase sequence confirmed†: (N/A)

SPD Details** Types: T1 (N/A) T2 (N/A) T3 (N/A) N/A (N/A)

Status indicator checked (where functionality indicator is present): (N/A)

**SPD Type.

Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.

Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART B), (See Section 534 for further details).

Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: MCP 1 - 2tp

Overcurrent protective device for the distribution circuit

BS (EN): (60947-2) Type: (MCCB) Nominal voltage: (400) V Rating: (160) A No. of phases: (3)

Associated RCD (if any)

BS (EN): (N/A) RCD Type: (N/A) $I_{\Delta n}$: ( ) mA No. of poles: (N/A) Operating time: (N/A) ms

This schedule is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A

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

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part A)

Circuit number	Continuity (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD		AFDD**	Comments and additional information, where required
	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			Operating time*	Test button	AFDD test button	
	(Line) r_1	(Neutral) r_n	(cpc) r_2	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(V)	(✓)	(Ω)	(ms)	(✓)	(✓)	
1l1				0.14		500	500	500	✔	0.24	29.2	✔		
1l2				0.10		500	500	500	✔	0.17	29.2	✔		
1l3				0.11		500	500	500	✔	0.22	29.2	✔		
2l1				0.13		500	500	500	✔	0.19	29.2	✔		
2l2				0.13		500	500	500	✔	0.20	29.2	✔		
2l3				0.12		500	500	500	✔	0.16	29.2	✔		
3tp														
4tp														
5l1				0.08		500	500	500	✔	0.20	29.2	✔		
5l2				0.04		500	500	500	✔	0.11	29.6	✔		
5l3				0.10		500	500	500	✔	0.21	29.2	✔		
6l1				0.10		500	500	500	✔	0.19	29.2	✔		
6l2				0.09		500	500	500	✔	0.18	30	✔		
6l3				0.14		500	500	500	✔	0.29	30.4	✔		
7l1				0.10		500	500	500	✔	0.21	29.2	✔		
7l2				0.11		500	500	500	✔	0.20	29.2	✔		
7l3				0.13		500	500	500	✔	0.24	29.2	✔		
8l1				0.14		500	500	500	✔	0.24	30.2	✔		

Circuits/equipment vulnerable to damage when testing (where applicable): N/A

TESTED BY Name (capitals): IAN TANNER Position: electrician Signature: IT Date: 27/02/2024

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
A112321	N/A	N/A	N/A	N/A	N/A

* RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$)

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

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	Other (state): LS&F

For an EIC, enter a (✓) or value in the respective fields, as appropriate.
For an EICR, enter (✓), (✗) or value in the respective fields, as appropriate
Where an item is not applicable insert N/A

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

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CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)

Circuit number	Circuit description	Type of wiring (see footer to PART B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671)	Overcurrent protective device					RCD			
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Zs* (Ω)	BS (EN)	Type	Rating (A)	Operating current, $I_{\Delta n}$ (mA)
8I2	disabled shower	O	LIM	1	10	6	0.4	61009	C	45	16		61009	A	45	30
8I3	spare															

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: DB SH

Location of DB: Adjacent incoming mains

Z_{db}: 0.08 (Ω) I_{pf} at DB†: 2.7 (kA)

Confirmation of supply polarity: (✔) Phase sequence confirmed†: (N/A)

SPD Details** Types: T1 (N/A) T2 (N/A) T3 (N/A) N/A (N/A)

Status indicator checked (where functionality indicator is present): (N/A)

**SPD Type.

Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.

Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART B), (See Section 534 for further details).

Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: MCP 1 - 2tp

Overcurrent protective device for the distribution circuit

BS (EN): (60947-2) Type: (MCCB) Nominal voltage: (400) V Rating: (160) A No. of phases: (3)

Associated RCD (if any)

BS (EN): (N/A) RCD Type: (N/A) $I_{\Delta n}$: ( ) mA No. of poles: (N/A) Operating time: (N/A) ms

This schedule is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A

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

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part A)

Circuit number	Continuity (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD		AFDD**	Comments and additional information, where required
	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			Operating time*	Test button	AFDD test button	
	(Line) r_1	(Neutral) r_n	(cpc) r_2	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(V)	(✓)	(Ω)	(ms)	(✓)	(✓)	
8I2				0.11		500	500	500	✔	0.20	29.2	✔		
8I3														

Circuits/equipment vulnerable to damage when testing (where applicable): N/A

TESTED BY Name (capitals): IAN TANNER Position: electrician Signature: IS Tanner Date: 27/02/2024

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
A112321	N/A	N/A	N/A	N/A	N/A

* RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$)

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

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	Other (state): LS&F

For an EIC, enter a (✓) or value in the respective fields, as appropriate.
For an EICR, enter (✓), (✗) or value in the respective fields, as appropriate
Where an item is not applicable insert N/A

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CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)

Circuit number	Circuit description	Type of wiring (see footer to PART B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671)	Overcurrent protective device					RCD			
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Zs* (Ω)	BS (EN)	Type	Rating (A)	Operating current, $I_{\Delta n}$ (mA)
1l1	Male heaters	O	LIM	2	4	1.5	0.4	61009	C	20	10	1.09	61009	A	20	30
1l2	Male entrance heaters/power	O	LIM	3	4	1.5	0.4	61009	C	20	10	1.09	61009	A	20	30
1l3	Adult shower ring male	O	LIM	4	2.5	1.5	0.4	61009	C	32	10	0.68	61009	A	32	30
2l1	Male heaters	O	LIM	2	4	1.5	0.4	61009	C	20	10	1.09	61009	A	20	30
2l2	Female entrance heater/power	O	LIM	2	4	1.5	0.4	61009	C	20	10	1.09	61009	A	20	30
2l3	Adult entrance heater/power ring	O	LIM	2	2.5	1.5	0.4	61009	C	32	10	0.68	61009	A	32	30
3l1	hand driers plus extractor, males	O	LIM	3	4	1.5	0.4	61009	C	20	10	1.09	61009	A	20	30
3l2	Female heaters	O	LIM	3	4	1.5	0.4	61009	C	20	10	1.09	61009	A	20	30
3l3	Adult heater ring female	O	LIM	3	2.5	1.5	0.4	61009	C	32	10	0.68	61009	A	32	30
4l1	immersion bottom	O	B	1	4	1.5	0.4	61009	C	20	10	1.09				
4l2	immersion top	O	B	1	4	1.5	0.4	60898	C	20	10	1.09				
4l3	spare															
5l1	Cold water pump, heater, power	O	B	3	4	1.5	0.4	61009	C	32	10	0.68	61009	A	32	30
5l2	Female shower ring	O	LIM	3	2.5	1.5	0.4	61009	C	32	10	0.68	61009	A	32	30
5l3	Disabled toilet ring	O	LIM	4	2.5	1.5	0.4	61009	C	32	10	0.68	61009	A	32	30
6tp	metering via 1 amp fuses, not tested															

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: DB POWER

Location of DB: Adjacent mains intake

Z_{db}: 0.1 (Ω) I_{pf} at DB†: 2.4 (kA)

Confirmation of supply polarity: (N/A) Phase sequence confirmed†: (N/A)

SPD Details** Types: T1 (N/A) T2 (N/A) T3 (N/A) N/A (N/A)

Status indicator checked (where functionality indicator is present): (N/A)

**SPD Type.

Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.

Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART B), (See Section 534 for further details).

Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: MCP 1 - 11tp

Overcurrent protective device for the distribution circuit

BS (EN): (60947-2) Type: (MCCB) Nominal voltage: (400) V Rating: (100) A No. of phases: (3)

Associated RCD (if any)

BS (EN): (N/A) RCD Type: (N/A) $I_{\Delta n}$: ( ) mA No. of poles: (N/A) Operating time: (N/A) ms

This schedule is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A

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

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part A)

Circuit number	Continuity (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD		AFDD**	Comments and additional information, where required
	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			Operating time*	Test button	AFDD test button	
	(Line) r_1	(Neutral) r_n	(cpc) r_2	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(V)	(✓)	(Ω)	(ms)	(✓)	(✓)	
1l1				0.26			38	500	✔	0.29	39.2	✔		
1l2				0.18			200	500	✔	0.24	29.6	✔		
1l3	0.24	0.24	0.52	0.17			200	500	✔	0.22	28.8	✔		
2l1				0.15			200	500	✔	0.19	30.8	✔		
2l2				0.12			200	500	✔	0.23	29.6	✔		
2l3	0.26	0.26	0.37	0.15			200	500	✔	0.21	29.2	✔		
3l1				0.26			200	500	✔	0.37	29.2	✔		
3l2				0.31			86	500	✔	0.42	29.1	✔		
3l3	0.24	0.24	0.36	0.15			200	500	✔	0.24	29.2	✔		
4l1				0.12		500	500	500	✔	0.20				
4l2				0.09		500	500	500	✔	0.18				
4l3														
5l1				0.24		500	500	500	✔	0.32	28.8	✔		
5l2	0.37	0.39	0.57	0.24			200	500	✔	0.34	24.2	✔		
5l3	0.42	0.42	0.68	0.26			200	500	✔	0.35	28.2	✔		
6tp														

Circuits/equipment vulnerable to damage when testing (where applicable): N/A

TESTED BY Name (capitals): IAN TANNER Position: electrician Signature: IS Tanner Date: 27/02/2024

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
A112321	N/A	N/A	N/A	N/A	N/A

* RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$)

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

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	Other (state): LS&F

For an EIC, enter a (✓) or value in the respective fields, as appropriate.
For an EICR, enter (✓), (✗) or value in the respective fields, as appropriate
Where an item is not applicable insert N/A

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)

Circuit number	Circuit description	Type of wiring (see footer to PART B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671)	Overcurrent protective device					RCD			
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Zs* (Ω)	BS (EN)	Type	Rating (A)	Operating current, $I_{\Delta n}$ (mA)
1	meter															
2	male shower lights	A	E	12	1.5	1	0.4	61009	C	10	10	2.19	61009	A	10	30
3	male toilet lights	A	E	14	1.5	1	0.4	61009	C	10	10	2.19	61009	A	10	30
4	adult shower lights	A	E	15	1.5	1	0.4	61009	C	10	10	2.19	61009	A	10	30
5	adult toilet lights	A	E	14	1.5	1	0.4	61009	C	10	10	2.19	61009	A	10	30
6	female toilet lights	A	E	17	1.5	1	0.4	61009	C	10	10	2.19	61009	A	10	30
7	female shower lights	A	E	17	1.5	1	0.4	61009	C	10	10	2.19	61009	A	10	30
8	plant room lights	A	E	6	1.5	1	0.4	61009	C	10	10	2.19	61009	A	10	30
9	spare															
10	spare															
11	spare															
12	spare															
13	spare															
14	spare															
15	spare															
16	spare															

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: DB LTG

Location of DB: Adjacent incoming mains

Z_{db}: 0.1 (Ω) I_{pf} at DB†: 2.4 (kA)

Confirmation of supply polarity: (✔) Phase sequence confirmed†: (NA)

SPD Details** Types: T1 (N/A) T2 (N/A) T3 (N/A) N/A (N/A)

Status indicator checked (where functionality indicator is present): (N/A)

**SPD Type.

Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.

Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART B), (See Section 534 for further details).

Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: MCP 1 - 9l1

Overcurrent protective device for the distribution circuit

BS (EN): (60947-2) Type: (MCCB) Nominal voltage: (230) V Rating: (60) A No. of phases: (1)

Associated RCD (if any)

BS (EN): (N/A) RCD Type: (N/A) $I_{\Delta n}$: ( ) mA No. of poles: (N/A) Operating time: (N/A) ms

This schedule is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A

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

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part A)

Circuit number	Continuity (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD		AFDD**	Comments and additional information, where required
	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			Operating time*	Test button	AFDD test button	
	(Line) r_1	(Neutral) r_n	(cpc) r_2	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(V)	(✓)	(Ω)	(ms)	(✓)	(✓)	
1														
2				0.59		lim	220	500	✔	0.72	34	✔		
3				0.56		lim	500	500	✔	0.66	32.8	✔		
4					0.33	lim	500	500	✔	0.76	29.2	✔		
5					0.27	lim	500	500	✔	0.53	29.2	✔		
6					0.60	lim	500	500	✔	0.59	30.8	✔		
7					0.62	lim	500	500	✔	0.68	29.2	✔		
8				0.36		lim	500	500	✔	0.46	29.2	✔		
9														
10														
11														
12														
13														
14														
15														
16														

Circuits/equipment vulnerable to damage when testing (where applicable): N/A

TESTED BY Name (capitals): RICHARD STOCK Position: Electrician Signature: Date: 27/02/2024

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
A112321	N/A	N/A	N/A	N/A	N/A

* RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$)

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

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	Other (state): N/A

For an EIC, enter a (✓) or value in the respective fields, as appropriate.
For an EICR, enter (✓), (✗) or value in the respective fields, as appropriate
Where an item is not applicable insert N/A

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)

Circuit number	Circuit description	Type of wiring (see footer to PART B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671)	Overcurrent protective device					RCD			
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Zs* (Ω)	BS (EN)	Type	Rating (A)	Operating current, $I_{\Delta n}$ (mA)
1	lights south	A	B	15	1.5	1	0.4	60898	B	6	6	7.28	4293	AC		30
2	lights center	A	B	13	1.5	1	0.4	60898	B	6	6	7.28	4293	AC		30
3	lights north	A	B	9	1.5	1	0.4	60898	B	6	6	7.28	4293	AC		30
4	Not used												4293	AC		30
5	Water heater	A	B	1	2.5	1.5	0.4	60898	B	16	6	2.73	4293	AC		30
6	sockets north	A	LIM	10	2.5	1.5	0.4	60898	B	32	6	1.37	4293	AC		30
7	disabled water heater	A	B	1	2.5	1.5	0.4	60898	C	20	6	1.09	4293	AC		30
8	disabled alarm for wc	A	B	1	2.5	1.5	0.4	60898	B	10	6	4.37	4293	AC		30
9	sockets south	A	LIM	12	2.5	1.5	0.4	60898	B	32	6	1.37	4293	AC		30
10	spare															
11	Heater time clock/stat..not tested	A	N/A	2	1	1	0.4	60898	B	6	6	7.28	4293	AC		30
12	sockets center	A	LIM	4	2.5	1.5	0.4	60898	B	32	6	1.37	4293	AC		30
13	heaters	A	LIM	2	2.5	1.5	0.4	60898	B	20	6	2.19	4293	AC		30
14	heaters	A	LIM	2	2.5	1.5	0.4	60898	B	20	6	2.19	4293	AC		30
15	heaters	A	LIM	2	2.5	1.5	0.4	60898	B	20	6	2.19	4293	AC		30
16	disabled door opener	A	B	1	2.5	1.5	0.4	60898	B	16	6	2.73	4293	AC		30
17	heaters	A	LIM	2	2.5	1.5	0.4	60898	B	20	6	2.19	4293	AC		30
18	heaters	A	LIM	2	2.5	1.5	0.4	60898	B	20	6	2.19	4293	AC		30

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: DB AB2C

Location of DB: Accommodation hut 2

Z_{db}: 0.26 (Ω) I_{pf} at DB†: N/A (kA)

Confirmation of supply polarity: (✔) Phase sequence confirmed†: (N/A)

SPD Details** Types: T1 (N/A) T2 (N/A) T3 (N/A) N/A (N/A)

Status indicator checked (where functionality indicator is present): (N/A)

**SPD Type.

Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.

Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART B), (See Section 534 for further details).

Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: MCP 1 - 1tp

Overcurrent protective device for the distribution circuit

BS (EN): (60947-2) Type: (MCCB) Nominal voltage: (400) V Rating: (100) A No. of phases: (3)

Associated RCD (if any)

BS (EN): (4293) RCD Type: (AC) $I_{\Delta n}$: (30) mA No. of poles: (4) Operating time: (27) ms

This schedule is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A

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

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part A)

Circuit number	Continuity (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD		AFDD**	Comments and additional information, where required
	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			Operating time*	Test button	AFDD test button	
	(Line) r_1	(Neutral) r_n	(cpc) r_2	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(V)	(✓)	(Ω)	(ms)	(✓)	(✓)	
1				1.48		lim	0.04	500	✔	1.77	27			
2				1.40		lim	200	500	✔	1.77	27			
3				0.77		lim	200	500	✔	1.02	27			
4														
5				0.18		200	200	500	✔	0.38	27			
6	0.69	0.70	1.15	0.39		200	200	500	✔	0.60	27			
7				0.35		200	200	500	✔	0.64	27			
8				0.36		200	200	500	✔	0.66	27			
9	0.62	0.59	1.02	0.41		200	200	500	✔	0.74	27			
10														
11											27			
12	0.27	0.26	0.53	0.19		200	200	500	✔	0.49	27			
13				0.19		200	200	500	✔	0.49	27			
14				0.37		200	200	500	✔	0.71	27			
15				0.26		200	200	500	✔	0.50	27			
16				0.58		200	200	500	✔	0.88	27			
17				0.44		200	200	500	✔	0.72	27			
18				0.44		200	200	500	✔	0.78	27			

Circuits/equipment vulnerable to damage when testing (where applicable): N/A

TESTED BY Name (capitals): IAN TANNER Position: electrician Signature: IS Tanner Date: 27/02/2024

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
A112321	N/A	N/A	N/A	N/A	N/A

* RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$)

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

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	Other (state): N/A

For an EIC, enter a (✓) or value in the respective fields, as appropriate.
For an EICR, enter (✓), (✗) or value in the respective fields, as appropriate
Where an item is not applicable insert N/A

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered 29007345 ISN18.2c

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)

Circuit number	Circuit description	Type of wiring (see footer to PART B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671)	Overcurrent protective device					RCD			
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Zs* (Ω)	BS (EN)	Type	Rating (A)	Operating current, $I_{\Delta n}$ (mA)
19	heaters	A	LIM	2	2.5	1.5	0.4	60898	B	16	6	2.73	4293	AC		30
20	heater	A	B	1	2.5	1.5	0.4	60898	B	20	6	2.19	4293	AC		30
21	spare															
22	spare															
23	spare															
24	spare															

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: DB AB2C

Location of DB: Accommodation hut 2

Z_{db}: 0.26 (Ω) I_{pf} at DB†: N/A (kA)

Confirmation of supply polarity: (✔) Phase sequence confirmed†: (N/A)

SPD Details** Types: T1 (N/A) T2 (N/A) T3 (N/A) N/A (N/A)

Status indicator checked (where functionality indicator is present): (N/A)

**SPD Type.

Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.

Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART B), (See Section 534 for further details).

Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: MCP 1 - 1tp

Overcurrent protective device for the distribution circuit

BS (EN): (60947-2) Type: (MCCB) Nominal voltage: (400) V Rating: (100) A No. of phases: (3)

Associated RCD (if any)

BS (EN): (4293) RCD Type: (AC) $I_{\Delta n}$: (30) mA No. of poles: (4) Operating time: (27) ms

This schedule is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A

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

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part A)

Circuit number	Continuity (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD		AFDD**	Comments and additional information, where required
	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			Operating time*	Test button	AFDD test button	
	(Line) r_1	(Neutral) r_n	(cpc) r_2	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(V)	(✓)	(Ω)	(ms)	(✓)	(✓)	
19				0.39		200	200	500	✔	0.66	27			
20				0.07		200	200	500	✔	0.36	27			
21														
22														
23														
24														

Circuits/equipment vulnerable to damage when testing (where applicable): N/A

TESTED BY Name (capitals): IAN TANNER Position: electrician Signature: IS Tanner Date: 27/02/2024

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
A112321	N/A	N/A	N/A	N/A	N/A

* RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$)

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

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	Other (state): N/A

For an EIC, enter a (✓) or value in the respective fields, as appropriate.
For an EICR, enter (✓), (✗) or value in the respective fields, as appropriate
Where an item is not applicable insert N/A

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered 29007345 ISN18.2c

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)

Circuit number	Circuit description	Type of wiring (see footer to PART B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671)	Overcurrent protective device					RCD			
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Zs* (Ω)	BS (EN)	Type	Rating (A)	Operating current, $I_{\Delta n}$ (mA)
1	lights south	A	B	14	1.5	1	0.4	60898	C	6	6	3.64	4293	AC	63	30
2	lights north	A	B	12	1.5	1	0.4	60898	C	6	6	3.64	4293	AC	63	30
3	spare															
4	time clock supply	A	B	1	1	1	0.4	60898	C	6	6	3.64	4293	AC	63	30
5	water heater wc	A	B	1	2.5	1.5	0.4	60898	B	16	6	2.73	4293	AC	16	30
6	Water heater kitchen	A	B	1	2.5	1.5	0.4	60898	B	16	6	2.73	4293	AC	63	30
7	sockets south	A	B	13	2.5	1.5	0.4	60898	B	32	6	1.37	4293	AC	63	30
8	spare															
9	spare															
10	sockets north	A	B	10	2.5	1.5	0.4	60898	B	32	6	1.37	4293	AC	63	30
11	spare															
12	spare															
13	heaters south	A	B	2	2.5	1.5	0.4	60898	C	20	6	1.09	4293	AC	63	30
14	heaters south	A	B	2	2.5	1.5	0.4	60898	C	20	6	1.09	4293	AC	63	30
15	heaters center	A	B	2	2.5	1.5	0.4	60898	C	20	6	1.09	4293	AC	63	30
16	heaters north	A	B	2	2.5	1.5	0.4	60898	C	20	6	1.09	4293	AC	63	30
17	heaters mess	A	B	2	2.5	1.5	0.4	60898	C	20	6	1.09	4293	AC	63	30
18	space heater below	A	B	1	2.5	1.5	0.4	60898	C	16	6	1.37	4293	AC	63	30

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: DB AB3N

Location of DB: Accommodation block 3

Z_{db}: 0.3 (Ω) I_{pf} at DB†: N/A (kA)

Confirmation of supply polarity: (✔) Phase sequence confirmed†: (N/A)

SPD Details** Types: T1 (N/A) T2 (N/A) T3 (N/A) N/A (N/A)

Status indicator checked (where functionality indicator is present): (N/A)

**SPD Type.

Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.

Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART B), (See Section 534 for further details).

Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: MCP 1 - 3tp

Overcurrent protective device for the distribution circuit

BS (EN): (60947-2) Type: (MCCB) Nominal voltage: (400) V Rating: (100) A No. of phases: (3)

Associated RCD (if any)

BS (EN): (N/A) RCD Type: (N/A) $I_{\Delta n}$: ( ) mA No. of poles: (N/A) Operating time: (N/A) ms

This schedule is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A

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

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part A)

Circuit number	Continuity (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD		AFDD**	Comments and additional information, where required
	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			Operating time*	Test button	AFDD test button	
	(Line) r_1	(Neutral) r_n	(cpc) r_2	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(V)	(✓)	(Ω)	(ms)	(✓)	(✓)	
1				0.77		45	45	500	✔	1.17	22	✔		
2				0.74		45	45	500	✔	1.14	22	✔		
3														
4				0.01		45	45	500	✔	0.31	22	✔		
5				0.18		45	45	500	✔	0.48	22	✔		
6				0.14		45	45	500	✔	0.44	22	✔		
7	0.65	0.65	1.13		0.37	45	45	500	✔	0.67	22	✔		
8														
9														
10	0.64	0.65	1.14	0.29		45	45	500	✔	0.59	22	✔		
11														
12														
13				0.19		45	45	500	✔	0.49	22	✔		
14				0.22		45	45	500	✔	0.52	22	✔		
15				0.17		45	45	500	✔	0.47	22	✔		
16				0.29		45	45	500	✔	0.59	22	✔		
17				0.30		45	45	500	✔	0.60	22	✔		
18				0.16		45	45	500	✔	0.46	22	✔		

Circuits/equipment vulnerable to damage when testing (where applicable): N/A

TESTED BY Name (capitals): RICHARD STOCK Position: Electrician Signature: Date: 27/02/2024

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
A112321	N/A	N/A	N/A	N/A	N/A

* RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$)

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

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	Other (state): fp200

For an EIC, enter a (✓) or value in the respective fields, as appropriate.
For an EICR, enter (✓), (✗) or value in the respective fields, as appropriate
Where an item is not applicable insert N/A

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)

Circuit number	Circuit description	Type of wiring (see footer to PART B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671)	Overcurrent protective device					RCD			
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Zs* (Ω)	BS (EN)	Type	Rating (A)	Operating current, $I_{\Delta n}$ (mA)
19	kitchen corridor heater	A		1	2.5	1.5	0.4	60898	C	16	6	1.37	4293	AC	63	30
20	spare															
21	spare															
22	spare															
23	spare															
24	fire alarm panel	O		1	1.5	1	0.4	60898	C	6	6	3.64	4293	AC	63	30

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: DB AB3N

Location of DB: Accommodation block 3

Z_{db}: 0.3 (Ω) I_{pf} at DB†: N/A (kA)

Confirmation of supply polarity: (✔) Phase sequence confirmed†: (N/A)

SPD Details** Types: T1 (N/A) T2 (N/A) T3 (N/A) N/A (N/A)

Status indicator checked (where functionality indicator is present): (N/A)

**SPD Type.

Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.

Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART B), (See Section 534 for further details).

Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: MCP 1 - 3tp

Overcurrent protective device for the distribution circuit

BS (EN): (60947-2) Type: (MCCB) Nominal voltage: (400) V Rating: (100) A No. of phases: (3)

Associated RCD (if any)

BS (EN): (N/A) RCD Type: (N/A) $I_{\Delta n}$: (.....) mA No. of poles: (N/A) Operating time: (N/A) ms

This schedule is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A

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

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part A)

Circuit number	Continuity (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD		AFDD**	Comments and additional information, where required
	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			Operating time*	Test button	AFDD test button	
	(Line) r_1	(Neutral) r_n	(cpc) r_2	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(V)	(✓)	(Ω)	(ms)	(✓)	(✓)	
19				0.29		45	45	500	✔	0.59	22	✔		
20														
21														
22														
23														
24				0.12		45	45	500	✔	0.42	22	✔		

Circuits/equipment vulnerable to damage when testing (where applicable): N/A

TESTED BY Name (capitals): RICHARD STOCK Position: Electrician Signature: Date: 27/02/2024

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
A112321	N/A	N/A	N/A	N/A	N/A

* RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$)

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

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	Other (state): fp200

For an EIC, enter a (✓) or value in the respective fields, as appropriate.
For an EICR, enter (✓), (✗) or value in the respective fields, as appropriate
Where an item is not applicable insert N/A

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered 29007345 ISN18.2c

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)

Circuit number	Circuit description	Type of wiring (see footer to PART B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671)	Overcurrent protective device					RCD			
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Zs* (Ω)	BS (EN)	Type	Rating (A)	Operating current, $I_{\Delta n}$ (mA)
1	sockets in dado trunking	A	B	8	2.5	1.5	0.4	60898	C	20	6	1.09	4293	A	63	30
2	sockets	A	LIM	4	2.5	1.5	0.4	60898	C	20	6	1.09	4293	AC	63	30
3	heater point	A	LIM	1	1.5	1	0.4	60898	C	16	6	1.37	4293	AC	63	30
4	heater point	A	N/A	1	1.5	1	0.4	60898	C	16	6	1.37	4293	AC	63	30
5	heater point	A	LIM	1	1.5	1	0.4	60898	C	16	6	1.37	4293	AC	63	30
6	heater point	A	LIM	1	1.5	1	0.4	60898	C	16	6	1.37				
7	lights	A	B	17	1.5	1	0.4	60898	C	6	6	3.64	4293	AC	6	30

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: DB 5

Location of DB: Cllassroom

Z_{db}: 0.34 (Ω) I_{pf} at DB†: N/A (kA)

Confirmation of supply polarity: (✔) Phase sequence confirmed†: (N/A)

SPD Details** Types: T1 (N/A) T2 (N/A) T3 (N/A) N/A (N/A)

Status indicator checked (where functionality indicator is present): (N/A)

**SPD Type.

Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.

Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART B), (See Section 534 for further details).

Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: MCP 1 - 9I3

Overcurrent protective device for the distribution circuit

BS (EN): (60947-2) Type: (MCCB) Nominal voltage: (230) V Rating: (60) A No. of phases: (1)

Associated RCD (if any)

BS (EN): (61008) RCD Type: (A) $I_{\Delta n}$: (30) mA No. of poles: (N/A) Operating time: (20.8) ms

This schedule is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A

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

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part A)

Circuit number	Continuity (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD		AFDD**	Comments and additional information, where required
	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			Operating time*	Test button	AFDD test button	
	(Line) r_1	(Neutral) r_n	(cpc) r_2	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(V)	(✓)	(Ω)	(ms)	(✓)	(✓)	
1				0.71		80	80	500	✔	1.14	29.8	✔		
2				0.77		200	80	500	✔	1.59	28.8	✔		high Zs reading on one socket. requires investigation
3				0.49		200	200	500	✔	0.89	28.8	✔		
4				0.19		200	200	500	✔	0.69	28.8	✔		
5				0.30		200	200	500	✔	0.82	28.2	✔		
6				0.19		200	200	500	✔	0.63	28.8	✔		
7				1.99		lim	80	250	✔	2.55	28.8	✔		

Circuits/equipment vulnerable to damage when testing (where applicable): N/A

TESTED BY Name (capitals): IAN TANNER Position: electrician Signature: IT Date: 27/02/2024

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
A112321	N/A	N/A	N/A	N/A	N/A

* RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$)

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

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	Other (state): N/A

For an EIC, enter a (✓) or value in the respective fields, as appropriate.
For an EICR, enter (✓), (✗) or value in the respective fields, as appropriate
Where an item is not applicable insert N/A

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered 29007345 ISN18.2c

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)

Circuit number	Circuit description	Type of wiring (see footer to PART B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671)	Overcurrent protective device					RCD			
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Zs* (Ω)	BS (EN)	Type	Rating (A)	Operating current, $I_{\Delta n}$ (mA)
1	sockets	B		2	2.5	1.5	0.4	60898	C	32	10	0.68				
2	lights	B		10	1.5	1	0.4	60898	C	10	6	2.19				
3	alarm	O		1	1.5	1.5	0.4	60898	C	10	10	2.19				
4	data socket	B		1	2.5	1.5	0.4	60898	B	16	10	2.73				
5	spare															
6	spare															

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: DB Workshop

Location of DB: in green external building

Z_{db}: 0.19 (Ω) I_{pf} at DB†: N/A (kA)

Confirmation of supply polarity: (✔) Phase sequence confirmed†: (NA)

SPD Details** Types: T1 (N/A) T2 (N/A) T3 (N/A) N/A (N/A)

Status indicator checked (where functionality indicator is present): (N/A)

**SPD Type.

Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.

Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART B), (See Section 534 for further details).

Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: MCP 1 - 12I2

Overcurrent protective device for the distribution circuit

BS (EN): (60947-2) Type: (MCCB) Nominal voltage: (230) V Rating: (60) A No. of phases: (1)

Associated RCD (if any)

BS (EN): (61008) RCD Type: (A) $I_{\Delta n}$: (30) mA No. of poles: (N/A) Operating time: (20.8) ms

This schedule is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A

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

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part A)

Circuit number	Continuity (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD		AFDD**	Comments and additional information, where required
	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			Operating time*	Test button	AFDD test button	
	(Line) r_1	(Neutral) r_n	(cpc) r_2	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(V)	(✓)	(Ω)	(ms)	(✓)	(✓)	
1				0.17		500	500	500	✔	0.28	20.8			
2				1.07		lim	200	250	✔	1.16				
3				0.04		lim	200	250	✔	0.27				
4				0.07		500	500	500	✔	0.39				
5														
6														

Circuits/equipment vulnerable to damage when testing (where applicable): N/A

TESTED BY Name (capitals): IAN TANNER Position: electrician Signature: IS Tanner Date: 27/02/2024

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
A112321	N/A	N/A	N/A	N/A	N/A

* RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$)

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

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	Other (state): fp200

For an EIC, enter a (✓) or value in the respective fields, as appropriate.
For an EICR, enter (✓), (✗) or value in the respective fields, as appropriate
Where an item is not applicable insert N/A

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)

Circuit number	Circuit description	Type of wiring (see footer to PART B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671)	Overcurrent protective device					RCD			
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Zs* (Ω)	BS (EN)	Type	Rating (A)	Operating current, $I_{\Delta n}$ (mA)
1	lights south	A		10	1.5	1	0.4	60898	B	6	6	7.28	4293	AC	63	30
2	lights center	A		9	1.5	1	0.4	60898	B	6	6	7.28	4293	AC	63	30
3	lights north	A		10	2.5	1.5	0.4	60898	B	6	6	7.28	4293	AC	63	30
4	sockets center	A		4	2.5	1.5	0.4	60898	B	32	6	1.37	4293	AC	63	30
5	heater time clock	A		1	1	1	0.4	60898	B	6	6	7.28	4293	AC	63	30
6	water heater	A		1	2.5	1.5	0.4	60898	B	16	6	2.73	4293	AC	63	30
7	sockets south	A		12	2.5	1.5	0.4	60898	B	32	6	1.37	4293	AC	63	30
8	spare															
9	spare															
10	sockets north	A		12	2.5	1.5	0.4	60898	B	32	6	1.37	4293	AC	63	30
11	trooping shed 1	F		1	6	2.5	0.4	60898	B	32	6	1.37	4293	AC	63	30
12	trooping shed 2	F		1	6	2.5	0.4	60898	B	32	9	1.37	4293	AC	63	30
13	heaters	A		2	2.5	1.5	0.4	60898	B	20	6	2.19	4293	AC	63	30
14	heaters	A		2	2.5	1.5	0.4	60898	B	20	6	2.19	4293	AC	63	30
15	heaters	A		2	2.5	1.5	0.4	60898	B	20	6	2.19	4293	AC	63	30
16	heaters	A		2	2.5	1.5	0.4	60898	B	20	6	2.19	4293	AC	63	30
17	spare															
18	heaters	A		2	2.5	1.5	0.4	60898	B	20	6	2.19	4293	AC	63	30

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: DB AB1S

Location of DB: accomodation block 1

Z_{db}: 0.59 (Ω) I_{pf} at DB†: N/A (kA)

Confirmation of supply polarity: (✔) Phase sequence confirmed†: (N/A)

SPD Details** Types: T1 (N/A) T2 (N/A) T3 (N/A) N/A (N/A)

Status indicator checked (where functionality indicator is present): (N/A)

**SPD Type.

Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.

Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART B), (See Section 534 for further details).

Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: MCP 1 - 10tp

Overcurrent protective device for the distribution circuit

BS (EN): (60947-2) Type: (MCCB) Nominal voltage: (400) V Rating: (100) A No. of phases: (3)

Associated RCD (if any)

BS (EN): (N/A) RCD Type: (N/A) $I_{\Delta n}$: ( ) mA No. of poles: (N/A) Operating time: (N/A) ms

Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A

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

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part A)

Circuit number	Continuity (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD		AFDD**	Comments and additional information, where required
	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			Operating time*	Test button	AFDD test button	
	(Line) r_1	(Neutral) r_n	(cpc) r_2	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(V)	(✓)	(Ω)	(ms)	(✓)	(✓)	
1				0.76		59	60	500	✔	1.35	11.1	✔		
2				0.72		59	60	500	✔	1.31	11.1	✔		
3				0.90		59	60	500	✔	1.49	11.1	✔		
4	0.41	0.41	0.66	0.20		59	60	500	✔	0.79	11.1	✔		
5				0.02		59	60	500	✔	0.61	11.1	✔		
6				0.10		59	60	500	✔	0.69	11.1	✔		
7	0.69	0.68	1.10	0.45		59	60	500	✔	0.96	11.1	✔		
8														
9														
10	0.75	0.75	1.43	0.41		59	60	500	✔	1.01	11.1	✔		
11				0.09		59	60	500	✔	0.68	11.1	✔		
12					0.23	59	60	500	✔	0.72	11.1	✔		
13				0.40		59	60	500	✔	0.99	11.1	✔		
14				0.43		59	60	500	✔	1.03	11.1	✔		
15				0.38		59	60	500	✔	0.97	11.1	✔		
16				0.41		59	60	500	✔	1	11.1	✔		
17														
18				0.50		59	60	500	✔	1.09	11.1	✔		

Circuits/equipment vulnerable to damage when testing (where applicable): N/A

TESTED BY Name (capitals): RICHARD STOCK Position: Electrician Signature: Date: 27/02/2024

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
A112321	N/A	N/A	N/A	N/A	N/A

* RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$)

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

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	Other (state): N/A

For an EIC, enter a (✓) or value in the respective fields, as appropriate.
For an EICR, enter (✓), (✗) or value in the respective fields, as appropriate
Where an item is not applicable insert N/A

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)

Circuit number	Circuit description	Type of wiring (see footer to PART B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671)	Overcurrent protective device					RCD			
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Zs* (Ω)	BS (EN)	Type	Rating (A)	Operating current, $I_{\Delta n}$ (mA)
19	panel heater	A	B	1	2.5	1.25	0.4	60898	B	10	6	4.37	4293	AC	63	30
20	spare															
21	spare															
22	spare															
23	spare															
24	outside lighting	F		6	1.5	1.5	0.4	60898	B	10	6	4.37	4293	AC	63	30

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: DB AB1S

Location of DB: accomodation block 1

Z_{db}: 0.59 (Ω) I_{pf} at DB†: N/A (kA)

Confirmation of supply polarity: (✔) Phase sequence confirmed†: (N/A)

SPD Details** Types: T1 (N/A) T2 (N/A) T3 (N/A) N/A (N/A)

Status indicator checked (where functionality indicator is present): (N/A)

**SPD Type.

Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.

Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART B), (See Section 534 for further details).

Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: MCP 1 - 10tp

Overcurrent protective device for the distribution circuit

BS (EN): (60947-2) Type: (MCCB) Nominal voltage: (400) V Rating: (100) A No. of phases: (3)

Associated RCD (if any)

BS (EN): (N/A) RCD Type: (N/A) $I_{\Delta n}$: ( ) mA No. of poles: (N/A) Operating time: (N/A) ms

This schedule is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A

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

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part A)

Circuit number	Continuity (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD		AFDD**	Comments and additional information, where required
	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			Operating time*	Test button	AFDD test button	
	(Line) r_1	(Neutral) r_n	(cpc) r_2	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(V)	(✓)	(Ω)	(ms)	(✓)	(✓)	
19				0.02		59	60	500	✔	0.61	11.1	✔		
20														
21														
22														
23														
24				1.2		59	60	500	✔	1.79	11.1	✔		

Circuits/equipment vulnerable to damage when testing (where applicable): N/A

TESTED BY Name (capitals): RICHARD STOCK Position: Electrician Signature: Date: 27/02/2024

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
A112321	N/A	N/A	N/A	N/A	N/A

* RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$)

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

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	Other (state): N/A

For an EIC, enter a (✓) or value in the respective fields, as appropriate.
For an EICR, enter (✓), (✗) or value in the respective fields, as appropriate
Where an item is not applicable insert N/A

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)

Circuit number	Circuit description	Type of wiring (see footer to PART B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671)	Overcurrent protective device					RCD			
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Zs* (Ω)	BS (EN)	Type	Rating (A)	Operating current, $I_{\Delta n}$ (mA)
1	lights	B		2	1.5	1.5	0.4	60898	B	6	6	7.28	61008	AC	63	30
2	spare															
3	spare															
4	spare															
5	spare															
6	spare															

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: trooping shed 1

Location of DB: behind accom block 1

Z_{db}: 0.68 (Ω) I_{pf} at DB†: N/A (kA)

Confirmation of supply polarity: (✔) Phase sequence confirmed†: (NA)

SPD Details** Types: T1 (N/A) T2 (N/A) T3 (N/A) N/A (N/A)

Status indicator checked (where functionality indicator is present): (N/A)

**SPD Type.

Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.

Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART B), (See Section 534 for further details).

Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: DB AB1S - 11

Overcurrent protective device for the distribution circuit

BS (EN): (60898) Type: (B) Nominal voltage: (230) V Rating: (32) A No. of phases: (1)

Associated RCD (if any)

BS (EN): (4293) RCD Type: (AC) $I_{\Delta n}$: (30) mA No. of poles: (N/A) Operating time: (11.1) ms

This schedule is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A

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

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RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part A)

Circuit number	Continuity (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD		AFDD**	Comments and additional information, where required
	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			Operating time*	Test button	AFDD test button	
	(Line) r_1	(Neutral) r_n	(cpc) r_2	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(V)	(✓)	(Ω)	(ms)	(✓)	(✓)	
1				0.07		500	500	500	✔	0.75	11.1	✔		
2														
3														
4														
5														
6														

Circuits/equipment vulnerable to damage when testing (where applicable): N/A

TESTED BY Name (capitals): RICHARD STOCK Position: Electrician Signature: Date: 27/02/2024

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
A112321	N/A	N/A	N/A	N/A	N/A

* RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$)

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

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	Other (state): N/A

For an EIC, enter a (✓) or value in the respective fields, as appropriate.
For an EICR, enter (✓), (✗) or value in the respective fields, as appropriate
Where an item is not applicable insert N/A

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)

Circuit number	Circuit description	Type of wiring (see footer to PART B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671)	Overcurrent protective device					RCD			
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Zs* (Ω)	BS (EN)	Type	Rating (A)	Operating current, $I_{\Delta n}$ (mA)
1	socket	B		1	2.5	1.5	0.4	60898	B	16	6	2.73	61008	AC	100	30
2	light	B		1	1.5	1	0.4	60898	B	6	6	7.28	61008	AC	100	30
3	spare															
4	spare															

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: Trooping hut 2

Location of DB: behind accom block 1

Z_{db}: 0.72 (Ω) I_{pf} at DB†: 0.3 (kA)

Confirmation of supply polarity: (✔) Phase sequence confirmed†: (NA)

SPD Details** Types: T1 (N/A) T2 (N/A) T3 (N/A) N/A (N/A)

Status indicator checked (where functionality indicator is present): (N/A)

**SPD Type.

Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.

Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART B), (See Section 534 for further details).

Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: DB AB1S - 12

Overcurrent protective device for the distribution circuit

BS (EN): (60898) Type: (B) Nominal voltage: (230) V Rating: (32) A No. of phases: (2)

Associated RCD (if any)

BS (EN): (4293) RCD Type: (AC) $I_{\Delta n}$: (30) mA No. of poles: (2) Operating time: (11.1) ms

This schedule is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A

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

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part A)

Circuit number	Continuity (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD		AFDD**	Comments and additional information, where required
	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			Operating time*	Test button	AFDD test button	
	(Line) r_1	(Neutral) r_n	(cpc) r_2	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(V)	(✓)	(Ω)	(ms)	(✓)	(✓)	
1				0.02		500	500	500	✔	0.76	11.1	✔		
2				0.07		500	500	500	✔	0.79	11.1	✔		
3														
4														

Circuits/equipment vulnerable to damage when testing (where applicable): N/A

TESTED BY Name (capitals): RICHARD STOCK Position: Electrician Signature: Date: 27/02/2024

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
A112321	N/A	N/A	N/A	N/A	N/A

* RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$)

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

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	Other (state): N/A

For an EIC, enter a (✓) or value in the respective fields, as appropriate.
For an EICR, enter (✓), (✗) or value in the respective fields, as appropriate
Where an item is not applicable insert N/A

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This certificate is not valid if the serial number has been defaced or altered 29007345 ISN18.2c

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)

Circuit number	Circuit description	Type of wiring (see footer to PART B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671)	Overcurrent protective device					RCD			
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Zs* (Ω)	BS (EN)	Type	Rating (A)	Operating current, $I_{\Delta n}$ (mA)
1	s1 sockets	A		1	2.5	1.5	0.4	60898	B	16	6	2.73	4293	AC	100	30
2	s2 sockets	A		1	4	2.5	0.4	60898	B	25	6	1.75	4293	AC	100	30
3	sockets in large room	A		10	2.5	1.5	0.4	60898	B	16	6	2.73	4293	AC	100	30
4	hi convector	A		2	2.5	1.5	0.4	60898	B	10	6	4.37	4293	AC	100	30
5	h2 convectot	A		2	2.5	1.5	0.4	60898	B	10	6	4.37	4293	AC	100	30
6	Thermo tube	A		1	1.5	1	0.4	60898	C	16	6	1.37	4293	AC	100	30
7	lighting & fans	A		18	1.5	1	0.4	60898	B	10	6	4.37	4293	AC	100	30
8	ring main armoury	A			2.5	1.5	0.4	60898	C	32	10	0.68	4293	AC	100	30
9	spare															

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: DB 7

Location of DB: Office/lecture room block

Z_{db}: 0.52 (Ω) I_{pf} at DB†: 0.4 (kA)

Confirmation of supply polarity: (✔) Phase sequence confirmed†: (NA)

SPD Details** Types: T1 (N/A) T2 (N/A) T3 (N/A) N/A (N/A)

Status indicator checked (where functionality indicator is present): (N/A)

**SPD Type.

Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.

Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART B), (See Section 534 for further details).

Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: MCP 1 - 12I1

Overcurrent protective device for the distribution circuit

BS (EN): (60947-2) Type: (MCCB) Nominal voltage: (230) V Rating: (60) A No. of phases: (1)

Associated RCD (if any)

BS (EN): (61008) RCD Type: (A) $I_{\Delta n}$: (30) mA No. of poles: (N/A) Operating time: (N/A) ms

This schedule is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A

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

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RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part A)

Circuit number	Continuity (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD		AFDD**	Comments and additional information, where required
	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			Operating time*	Test button	AFDD test button	
	(Line) r_1	(Neutral) r_n	(cpc) r_2	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(V)	(✓)	(Ω)	(ms)	(✓)	(✓)	
1				0.10		90	89	500	✔	0.62	18.2	✔		
2				0.14		90	89	500	✔	0.66	18.2	✔		
3				1.11		90	89	500	✔	1.63	18.2	✔		
4				0.20		90	89	500	✔	0.72	18.2	✔		
5				0.21		90	89	500	✔	0.73	18.2	✔		
6				0.91		90	89	500	✔	1.43	18.2	✔		
7				0.37		90	89	500	✔	1.37	18.2	✔		
8	0.56	0.57	0.61	0.37		90	89	500	✔	0.89	18.2	✔		
9														

Circuits/equipment vulnerable to damage when testing (where applicable): N/A

TESTED BY Name (capitals): RICHARD STOCK Position: Electrician Signature: Date: 27/02/2024

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
A112321	N/A	N/A	N/A	N/A	N/A

* RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$)

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

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	Other (state): N/A

For an EIC, enter a (✓) or value in the respective fields, as appropriate.
For an EICR, enter (✓), (✗) or value in the respective fields, as appropriate
Where an item is not applicable insert N/A

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)

Circuit number	Circuit description	Type of wiring (see footer to PART B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671)	Overcurrent protective device					RCD			
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Zs* (Ω)	BS (EN)	Type	Rating (A)	Operating current, $I_{\Delta n}$ (mA)
1tp	dishwasher	C		1	2.5	2.5	0.4	60898	C	16	10	1.37	4293	AC	100	100
2l1	still boiler	A		1	2.5	1.5	0.4	61009	C	16	10	1.37	61009	AC	16	30
2l2	dining room heaters	A		2	2.5	1.5	0.4	61009	C	16	10	1.37	61009	AC	16	30
2l3	canopy extract fan	A		1	2.5	1.5	0.4	61009	C	16	10	1.37	61009	AC	16	30
3l1	dining room heaters	A		2	2.5	1.5	0.4	61009	C	16	10	1.37	61009	AC	16	30
3l2	spare															
3l3	serving hatch socket	A		1	6	1.5	0.4	61009	C	32	10	0.68	61009	AC	32	30
4l1	ring pantry sockets	A		2	2.5	1.5	0.4	61009	C	32	10	0.68	61009	AC	32	30
4l2	kitchen ring	A		3	2.5	1.5	0.4	61009	C	32	10	0.68	61009	AC	32	30
4l3	dining room ring	A		10	2.5	1.5	0.4	61009	C	32	10	0.68	61009	AC	32	30
5l1	Potato pealer	A		1	6	2.5	0.4	61009	C	32	10	0.68	61009	AC	32	30
5l2	spare															
5l3	spare															
6tp	spare															
7tp	spare															
8tp	fryer	F		1	10	Sheath	0.4	60898	C	63	10	0.35	61008	AC	100	100
9l1	double socket under canopy	F		1	6	6	0.4	61009	C	32	10	0.68	61009	AC	32	30
9l2	dining room lights and fans	A		16	1.5	1	0.4	61009	C	10	10	2.19	61009	AC	10	30

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: DB 6 KITCHEN

Location of DB: KITCHEN BUILDING

Z_{db}: 0.17 (Ω) I_{pf} at DB†: 1.3 (kA)

Confirmation of supply polarity: (✔) Phase sequence confirmed†: (✔)

SPD Details** Types: T1 (N/A) T2 (N/A) T3 (N/A) N/A (N/A)

Status indicator checked (where functionality indicator is present): (N/A)

**SPD Type.

Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.

Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART B), (See Section 534 for further details).

Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: MCP 1 - 4tp

Overcurrent protective device for the distribution circuit

BS (EN): (60947-2) Type: (MCCB) Nominal voltage: (400) V Rating: (160) A No. of phases: (3)

Associated RCD (if any)

BS (EN): (N/A) RCD Type: (N/A) $I_{\Delta n}$: ( ) mA No. of poles: (N/A) Operating time: (N/A) ms

This schedule is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A

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

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part A)

Circuit number	Continuity (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD		AFDD**	Comments and additional information, where required
	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			Operating time*	Test button	AFDD test button	
	(Line) r_1	(Neutral) r_n	(cpc) r_2	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(V)	(✓)	(Ω)	(ms)	(✓)	(✓)	
1tp				lim		140	96	500	LIM	lim	10.3	✔		isolator not accessible for testing
2l1				0.12		500	500	500	✔	0.39	28.5	✔		
2l2				0.31		99	99	500	✔	0.48	28.8	✔		
2l3				0.38		120	120	500	✔	0.55	28.7	✔		
3l1				0.35		100	100	500	✔	0.51	28.6	✔		
3l2														
3l3				0.08		500	500	500	✔	0.25	88.6	✔		
4l1	0.26	0.26	0.39	0.13		89	67	500	✔	0.40	28.5	✔		
4l2	0.52	0.52	0.80	0.20		200	220	500	✔	0.37	28.4	✔		
4l3	0.97	0.97	1.41	0.43		140	140	500	✔	0.60	28.3	✔		
5l1				0.7		400	400	500	✔	0.24	88.7	✘		
5l2														
5l3														
6tp														
7tp														
8tp				0.08		500	500	1000	✔	0.25	10.3	✔		
9l1				0.06		200	200	500	✔	0.23	28.7	✔		
9l2				0.59		120	120	500	✔	0.76	28.8	✔		

Circuits/equipment vulnerable to damage when testing (where applicable): N/A

TESTED BY Name (capitals): RICHARD STOCK Position: Electrician Signature: Date: 27/02/2024

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
A112321	N/A	N/A	N/A	N/A	N/A

* RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$)

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

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	Other (state): N/A

For an EIC, enter a (✓) or value in the respective fields, as appropriate.
For an EICR, enter (✓), (✗) or value in the respective fields, as appropriate
Where an item is not applicable insert N/A

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)

Circuit number	Circuit description	Type of wiring (see footer to PART B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671)	Overcurrent protective device					RCD			
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Zs* (Ω)	BS (EN)	Type	Rating (A)	Operating current, $I_{\Delta n}$ (mA)
9l3	dining room heater	A		1	2.5	1.5	0.4	61009	C	10	10	2.19	61009	AC	10	30
10l1	kitchen lights and fans	A		16	1.5	1	0.4	61009	C	10	10	2.19	61009	AC	10	30
10l2	fly zapper	A		1	1.5	1	0.4	61009	C	6	10	3.64	61009	AC	6	30
10l3	dining room lights and fans	A		12	1.5	1	0.4	61009	C	10	10	2.19	61009	AC	10	30
11l1	fridge socket	A		1	2.5	1.5	0.4	61009	C	16	10	1.37	61009	AC	16	30
11l2	spur in toilet	A		1	2.5	1.5	0.4	61009	C	16	10	1.37	61009	AC	16	30
11l3	serving hatch spur	A		1	2.5	1.5	0.4	61009	B	16	10	2.73	61009	AC	16	30
12l1	over door heater	A		1	2.5	1.5	0.4	61009	C	16	10	1.37	61009	AC	16	30
12l2	over door heater	A		1	2.5	1.5	0.4	61009	C	16	10	1.37	61009	AC	16	30
12l3	water heater	A		1	2.5	1.5	0.4	61009	C	16	10	1.37	61009	AC	16	30
13l1	water heater	A		1	2.5	1.5	0.4	61009	C	16	10	1.37	61009	AC	16	30
13l2	grill (cammando skt)	F		1	6	6	0.4	61009	C	32	10	0.68	61009	AC	32	30
13l3	Bain marie (cammando skt)	F		1	6	6	0.4	61009	C	32	10	0.68	61009	AC	32	30
14tp	bratt pan	F		1	6	6	0.4	60898	C	32	10	0.68	61008	AC	100	100
15tp	combi oven	F		1	6	6	0.4	60898	C	32	10	0.68	61008	AC	100	100
16tp	range cooker	F		1	6	6	0.4	60898	C	32	10	0.68	61008	AC	100	100

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: DB 6 KITCHEN

Location of DB: KITCHEN BUILDING

Z_{db}: 0.17 (Ω) I_{pf} at DB†: 1.3 (kA)

Confirmation of supply polarity: (✔) Phase sequence confirmed†: (✔)

SPD Details** Types: T1 (N/A) T2 (N/A) T3 (N/A) N/A (N/A)

Status indicator checked (where functionality indicator is present): (N/A)

**SPD Type.

Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.

Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART B), (See Section 534 for further details).

Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: MCP 1 - 4tp

Overcurrent protective device for the distribution circuit

BS (EN): (60947-2) Type: (MCCB) Nominal voltage: (400) V Rating: (160) A No. of phases: (3)

Associated RCD (if any)

BS (EN): (N/A) RCD Type: (N/A) $I_{\Delta n}$: ( ) mA No. of poles: (N/A) Operating time: (N/A) ms

This schedule is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A

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

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part A)

Circuit number	Continuity (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD		AFDD**	Comments and additional information, where required
	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			Operating time*	Test button	AFDD test button	
	(Line) r_1	(Neutral) r_n	(cpc) r_2	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(V)	(✓)	(Ω)	(ms)	(✓)	(✓)	
9l3				0.65		100	100	500	✔	0.82	28.6	✔		
10l1				0.72		150	150	500	✔	0.89	28.4	✔		
10l2				0.23		40	40	500	✔	0.40	28.6	✔		
10l3				0.80		90	90	500	✔	0.97	28.7	✔		
11l1				0.12		200	200	500	✔	0.29	28.6	✔		
11l2				0.16		100	100	500	✔	0.33	88.7	✔		
11l3				0.32		400	400	500	✔	0.49	28.7	✔		
12l1				0.12		200	200	500	✔	0.29	28.7			
12l2				0.05		300	300	500	✔	0.22	28.7	✔		
12l3				0.14		200	200	500	✔	0.31	28.6	✔		
13l1				0.07		200	200	500	✔	0.24	28.7	✔		
13l2				0.14		500	500	500	✔	0.31	28.7	✔		
13l3				0.08		500	500	500	✔	0.25	28.6	✔		
14tp				0.16		500	500	500	✔	0.33	10.3	✔		
15tp				0.08		500	500	500	✔	0.25	10.3	✔		
16tp				0.08		500	500	500	✔	0.25	10.3	✔		

Circuits/equipment vulnerable to damage when testing (where applicable): N/A

TESTED BY Name (capitals): RICHARD STOCK Position: Electrician Signature: Date: 27/02/2024

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
A112321	N/A	N/A	N/A	N/A	N/A

* RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$)

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

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	Other (state): N/A

For an EIC, enter a (✓) or value in the respective fields, as appropriate.
For an EICR, enter (✓), (✗) or value in the respective fields, as appropriate
Where an item is not applicable insert N/A

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

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CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part B 'Schedule of Test Results' to enter test results for the corresponding circuit listed in this part)

Circuit number	Circuit description	Type of wiring (see footer to PART B)	Reference Method (BS 7671)	Number of points served	Circuit conductor (number & csa)		Max. disconnection time (BS 7671)	Overcurrent protective device					RCD			
					Live (mm²)	cpc (mm²)	(s)	BS (EN)	Type	Rating (A)	Short-circuit capacity (kA)	Maximum permitted Zs* (Ω)	BS (EN)	Type	Rating (A)	Operating current, $I_{\Delta n}$ (mA)
	skt below	O	LIM	1	2.5	2.5	0.4	60898	B	16	6	2.73	61008	AC	63	30
2	heater near	O	LIM	1	2.5	2.5	0.4	60898	B	6	6	7.28	61008	AC	63	30
3	heater far end	O	LIM	1	2.5	2.5	0.4	60898	B	16	6	2.73	61008	AC	63	30
4	htr control	O	LIM	1	1.5	1.5	0.4	60898	B	6	6	7.28	61008	AC	63	30
5	lights/fan	O	LIM	3	1.5	1.5	0.4	60898	B	6	6	7.28	61008	AC	63	30

DISTRIBUTION BOARD (DB) DETAILS (complete in every case)

DB designation: Drying room

Location of DB: container right of shower block

Z_{db}: 0.48 (Ω) I_{pf} at DB†: 0.454 (kA)

Confirmation of supply polarity: (✔) Phase sequence confirmed†: (NA)

SPD Details** Types: T1 (N/A) T2 (N/A) T3 (N/A) N/A (N/A)

Status indicator checked (where functionality indicator is present): (N/A)

**SPD Type.

Where combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both Type brackets.

Where T3 devices are installed on a circuit to protect sensitive equipment, enter details in 'Comments' (PART B), (See Section 534 for further details).

Note that not all SPDs have visible functionality indication.

TO BE COMPLETED ONLY IF THE DB IS NOT CONNECTED DIRECTLY TO THE ORIGIN OF THE INSTALLATION

Supply to DB is from: MCP 1 - 12I3

Overcurrent protective device for the distribution circuit

BS (EN): (60947-2) Type: (MCCB) Nominal voltage: (230) V Rating: (60) A No. of phases: (1)

Associated RCD (if any)

BS (EN): (N/A) RCD Type: (N/A) $I_{\Delta n}$: ( ) mA No. of poles: (N/A) Operating time: (N/A) ms

This schedule is based on the model forms shown in Appendix 6 of *BS 7671: 2018+A2:2022*

Enter a (✓) or value in the respective fields, as appropriate. Where an item is not applicable insert N/A

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

NICEIC APPROVED CONTRACTOR

RJ Electrical and Plumbing Contractors

This certificate is not valid if the serial number has been defaced or altered **29007345** **ISN18.2c**

CONTINUATION SHEET : EIC and EICR

Issued in accordance with *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations

Original (to the person ordering the work)

PART B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part A)

Circuit number	Continuity (Ω)					Insulation resistance			Polarity	Max. measured earth fault loop impedance, Zs	RCD		AFDD**	Comments and additional information, where required
	Ring final circuits only (measured end to end)			All circuits (complete at least one column)		Live / Live	Live / Earth	Test voltage DC			Operating time*	Test button	AFDD test button	
	(Line) r_1	(Neutral) r_n	(cpc) r_2	$(R_1 + R_2)$	R_2	(MΩ)	(MΩ)	(V)	(✓)	(Ω)	(ms)	(✓)	(✓)	
				0.04		500	500	500	✔	59.66	28	✔		
2					0.08	500	500	500	✔	57.68	28	✔		
3				0.12		500	500	500	✔	60.70	28	✔		
4				0.12		lim	200	250	✔	60.78	28	✔		
5				0.83		lim	200	250	✔	57.10	28	✔		circuit tested at switch and fan isolator as container full of tents drying

Circuits/equipment vulnerable to damage when testing (where applicable): N/A

TESTED BY Name (capitals): IAN TANNER Position: electrician Signature: IS Tanner Date: 29/02/2024

TEST INSTRUMENTS (ENTER SERIAL NUMBER AGAINST EACH INSTRUMENT USED)

Multi-function:	Continuity:	Insulation resistance:	Earth fault loop impedance:	Earth electrode resistance:	RCD:
A112321	N/A	N/A	N/A	N/A	N/A

* RCD effectiveness is verified using an alternating current test at rated residual operating current ($I_{\Delta n}$)

** Where installed. Note, not all AFDDs have a test function. Where a circuit contains an AFDD this should be stated in the field for that circuit in the 'Comments and additional information, where required' column.

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	Other (state): tuff flex

For an EIC, enter a (✓) or value in the respective fields, as appropriate.
For an EICR, enter (✓), (✗) or value in the respective fields, as appropriate
Where an item is not applicable insert N/A

NOTES FOR RECIPIENT

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

The purpose of periodic inspection is to determine, so far as is reasonably practicable, whether an electrical installation 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.

This report has been issued in accordance with the national standard for the safety of electrical installations, *BS 7671: 2018+A2:2022* – Requirements for Electrical Installations.

The report identifies any damage, deterioration, defects and/or conditions found by the inspector which may give rise to danger (see PART 5), together with any items for which improvement is recommended.

You should have received the report marked 'Original' and the contractor should retain a duplicate. If you were the person ordering this report, but not the owner or 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 owner or user of the installation.

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.

For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. NICEIC* recommends that you engage the services of an NICEIC contractor for the inspection. Only an NICEIC contractor is authorised to issue this NICEIC Electrical Installation Condition Report, which has a unique serial number that is traceable to the contractor to which it was supplied by NICEIC.

The recommended date by which the next inspection should be carried out is stated in PART 4 of this report. With the exception of domestic (household) premises, there should also be a notice at or near the main switchboard or distribution board/consumer unit indicating when the next inspection of the installation is due.

This report 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 distribution board or consumer unit.

The report consists of at least eight numbered pages. The report is only valid if the Schedule of Items Inspected (PART 9) has been completed to confirm that all relevant inspections have been carried out and the Schedule of Circuit Details (PART 11A) and the Schedule of Test Results (PART 11B) are attached. For installations having more than one distribution board (or consumer unit) or more circuits than can be recorded in PARTS 11A & 11B, one or more additional Schedule of Circuit Details and Schedule of Test Results, should form part of the report. Additional numbered pages may have been provided to permit further relevant information relating to the installation to be recorded. The report is invalid if any of the additional pages, listed in PART 10 are missing.

Where the installation includes a residual current device (RCD) it should be tested every six months by pressing the button marked "T" or "Test". The device should switch off the supply and should then be switched on to restore the supply. If the device does not switch off the supply when the button is pressed, seek expert advice. For safety reasons it is important that this instruction is followed.

Where the installation includes an arc fault detection device (AFDD) having a manual test facility it should be tested six-monthly by pressing the test button. Where an AFDD has both a test button and automatic test function, manufacturer's instructions should be followed with respect to test button operation.

Where the installation includes a surge protection device (SPD) the status indicator should be checked to confirm it is in operational condition in accordance with manufacturer's information. If the indication shows that the device is not operational, seek expert advice.

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 7 Supply Characteristics and Earthing Arrangements, and the Schedules of Circuit Details and Test Results (PART 11A & 11B) compiled accordingly.

PART 6 (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 and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.

Operational limitations 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 6. 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 5. Where one or more observations have been made in PART 5, 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 inadequacies in the intake equipment have been observed (Item 1 of PART 9), 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 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).

For further information about electrical safety and how NICEIC can help you, visit:

www.niceic.com

** 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).*

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 responsible for the maintenance of the installation 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 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 contractor issuing this report will be able to provide further advice.

It is important to note that the recommendation given for the next inspection date in PART 4 of this report 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 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 (entered in PART 6), 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 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