DOMESTIC ELECTRICAL INSTALLATION CERTIFICATE

112796 - 1 : DCN18C

Small installations up to 100 A single phase supply

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

This certificate is not valid if the serial number has been defaced or altered

PART 1: DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

DETAILS OF THE CONTRACTOR

Registration No: 01

Trading Title: APS Property Services

Address: 9 Westcourt Road
Sale
Manchester

Postcode: M33 6PG **Tel No:**

DETAILS OF THE CLIENT

Contractor Reference Number (CRN): N/A

Name: Paul Smither

Address: 16 Ethel Ave
Manchester

Postcode: M9 6RR **Tel No:** 07500989688

DETAILS OF THE INSTALLATION

Occupier: Paul Smither

Address: 16 Ethel Ave
Manchester

Postcode: M9 6RR Tel No: 07500989688

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

Date work completed: 27/05/2025

The Installation is -

New: (N/A)

An addition: (✓)

An alteration: (N/A)

Replacement of consumer unit: (N/A)

Description and extent of the installation covered by this certificate:

EV Car charger installation.

Where necessary continue on a separate numbered page: **Page No(s)** (N/A)

PART 3: NEXT INSPECTION OF THE ELECTRICAL INSTALLATION

I RECOMMEND that this installation is further inspected and tested after and interval of not more than: 5 Years

PART 4: DECLARATION FOR THE ELECTRICAL INSTALLATION WORK

DESIGN, CONSTRUCTION, INSPECTION & TESTING

I, being the person responsible for the design, construction, inspection and testing of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the design and additionally where this certificate applies to an addition or alteration, having confirmed that the safety of the existing installation is not impaired, hereby CERTIFY that the design, construction, inspection and testing for which I have been responsible is to the best of my knowledge and belief in accordance with BS 7671: 2018, amended to 2025 (date) except for the following departures, if any identified None details on attached pages (s) (N/A) (Regulations 120.3, 133.1.3 and 133.5). Where selectivity is required, detail so the verification appended (536.4): (N/A) Page Nos (N/A)

Name: Adam Shea **Signature:** Adam Shea **Date:** 27/05/2025

REVIEWED BY QUALIFIED SUPERVISOR

Name: Simon Ellis **Signature:** Simon Ellis **Date:** 27/05/2025

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

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

Satisfactory

PART 6: SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements

TN-C-S: (N/A) **TN-S**: (✓) **TT:** (N/A)

Other (state): (N/A)

Supply protective device

BS (EN): (Limitation)

Type: (N/A) **Rated current:** (LIM)A

Number and type of live conductors

AC 1-phase, 2-wire: (1-phase, 2-wire)

Other (state): (N/A)

Confirmation of supply polarity: (✓)

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

Nature of supply parameters

Nominal line voltage to Earth, *U0* : (230) V

Nominal frequency, *f* : (50) Hz

Prospective fault current, *Ipf* (1)*: (0.809) kA

External loop impedance, *Ze* (1)*: (0.32) Ω

1) By enquiry, measurement, or by calculation

PART 7: PARTICULARS OF INSTALLTION REFERRED TO IN THIS CERTIFICATE

Maximum demand (load): (N/A)

Means of Earthing

Distributor's facility (✓)

Installation earth electrode (N/A)

Where an earth electrode is used insert

Type – rod(s), tape, etc: (None)

Location: (N/A)

Electrode resistance to Earth: (N/A)

Main protective conductors

Earthing conductor:

(material Copper csa 16 mm^2)

Connection / continuity verified: (✓)

Main protective bonding conductors:

(material Copper csa 10 mm^2)

Connection / continuity verified: (✓)

Main protective bonding connections:

Water installation pipes: (✓)

Gas installation pipes: (✓)

Structural Steel: (N/A)

Oil installation pipes: (N/A)

Lightning protection: (N/A)

Other (state): N/A

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

Type: (BS (EN) BSEN 61008-1 AC RCD)

Location: (Lounge)

No. of poles: (2) **Rating/ settling of device:** (N/A) A

Current rating: (40) A **Voltage rating:** (230) V

Where an RCD is used as the main switch

RCD rated residual operating current, *IΔn* : (30) mA

Measured operating time (27.8) ms

Rated time delay : (N/A) ms

PART 8: SCHEDULES AND ADDITIONAL PAGES

Schedule of Inspections

Page No(s): (3 and 4)

Schedule of Circuit Details and Test Results for the installation

Page No(s): (3 and 4)

Additional page, including data sheets for additional sources; Special installation or locations (indicated in item 11.1 on page 4); Continuation sheets

Page No(s): ( )

The pages identified are an essential part of this certificate.

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

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PART 9: SCHEDULE OF ITEMS INSPECTED

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

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

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

2. Presence of adequate arrangements for other sources

2.1 Adequate arrangements where a generating set operates as a switched alternative to the public supply:	(N/A)
2.2 Adequate arrangement where generating set operates in parallel with the public supply:	(N/A)
2.3 Presence of alternative / additional supply warning notices:	(N/A)

3. Automatic disconnection of supply

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

4. Basic Protection

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

5. Additional protection

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

6. Other methods of protection

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

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

7.1 Adequacy of access and working space for items of electrical equipment including switchgear:	(✓)
7.2 Components are suitable according to assembly manufacturer's instructions or literature:	(✓)
7.3 Presence of linked main switch(es):	(✓)
7.4 Isolators, for every circuit or group of circuits and all items of equipment:	(✓)
7.5 Suitability of enclosure(s) for IP and fire ratings:	(✓)
7.6 Protection against mechanical damage where cables enter equipment:	(✓)
7.7 Confirmation that ALL conductor connections are correctly located in terminals and are tight and secure:	(✓)
7.8 Avoidance of heating effects where cables enter ferromagnetic enclosures e.g. steel:	(✓)
7.9 Selection of correct type and ratings of circuit protective devices for overcurrent and fault protection:	(✓)
7.10 Confirmation overvoltage protection (SPDs) provided where specified:	(N/A)
7.11 Indication SPDs continued functionality confirmed:	(N/A)
7.12 Adequacy of AFDD(s), where specified:	(N/A)
7.13 Presence of appropriate circuit charts, warning and other notices:	
a) Provision of circuit charts/schedules or equivalent forms of information	(✓)
b) Warning notice of method of isolation where live parts not capable of being isolated by a single device	(✓)
c) Periodic inspection and testing notice	(✓)
d) presence of RCD six-monthly notice, where required	(✓)
e) Warning notice of non-standard (mixed) colours of conductors present	(✓)
7.14 presence of labels to indicate the purpose of switchgear and protective devices:	(✓)

8. Circuits

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

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PART 9: SCHEDULE OF ITEMS INSPECTED

8.15 Provision of additional protection by RCD not exceeding 30mA:	
a) For all socket-outlets with a rated current not exceeding 32A	(✓)
b) For supplies to mobile equipment with a current rating not exceeding 32A for use outdoors	(✓)
c) For cables concealed in walls/partitions at a depth of less than 50mm	(✓)
d) For cables concealed in wall/partitions containing metal parts regardless of depth	(✓)
e) For circuits supplying luminaires within domestic (household) premises	(✓)
8.16 Presence of appropriate devices for isolation and seething correctly located including:	
a) means of switching off for mechanical maintenance	(✓)
b) Emergency switches	(✓)
c) Functional switches, for control of parts of the installation and current-using equipment	(✓)

9. Current-using equipment (permanently connected)

9.1 Suitability of equipment in terms of IP and fire ratings;	(✓)
9.2 Enclosures not damaged / deteriorated so as to impair safety	(✓)
9.3 Suitability for the environment and external influences	(✓)
9.4 Security of fixing:	(✓)
9.5 Cable entry holes in ceiling above luminaires, sized or sealed so as to restrict the spread of fire:	(N/A)
9.6 Recessed luminaries (downlighters):	
a) Correct type of lamps fitted	(N/A)
b) Installed to minimise build-up of heat	(N/A)
9.7 Adequacy of working space / accessibility to equipment:	(✓)

10. Location(s) containing a bath or shower

1.10 Additional protection by RCD not exceeding 30 mA:	
a) For low voltage circuits serving the location	(N/A)
b) For low voltage circuits passing through Zone 1 and/or Zone 2 not serving the location	(N/A)
10.2 Where used as a protective measure, requirements for SELV or PELV are met:	(N/A)
10.3 Shave sockets comply with BS EN 61558-2-5:	(N/A)
10.4 Presence of supplementary protective bonding unless not required by BS7671: 2018:	(N/A)
10.5 Low voltage: (3.g. 230 volts) socket-outlets sited at least 3m from Zone 1:	(N/A)
10.6 Suitability of equipment for external influences for installed location in terms IP rating:	(N/A)
10.7 Suitability of equipment for installation in a particular zone:	(N/A)

11. Other Part 7 special installation or locations

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

( )

( )

( )

( )

( )

( )

( )

( )

SCHEDULE OF ITEMS INSPECTED BY

Name: Adam Shea

Signature:

Adam Shea

Date: 27/05/2025

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PART 10: SCHEDULE OF CIRCUIT DETAILS AND TEST RESULTS

Circuits/equipment vulnerable to damage when testing: None

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

Circuit number	Circuit description: * Where this consumer unit is remote from the origin of the installation, record details of the circuit supplying this consumer unit on the first line.	Type of wiring (see codes)	Reference Methods	Number of	Circuit Conductor csa: Live (mm2)	Circuit Conductor csa: cpc (mm2)	Max. disconnection (s)	Protective device: BS (EN)	Protective device: Type	Protective device: Rating (A)	Protective device: Short-circuit (kA)	RCD: Operating current, (mA)	Maximum permitted Zs for installed protective device** (Ω)	Circuit impedances (Ω): Ring final circuits only (measured end to end): (Line) r1	Ring final circuits only: (Neutral) rn	Ring final circuits only: (cpc) r2	All circuits (complete at least one column): (R1 + R2)	All circuits: R2	Insulation resistance: Live / Live (MΩ)	Insulation resistance: Live / Earth (MΩ)	Insulation resistance: Test Voltage DC (V)	Polarity (✓)	Max. measured earth (Ω)	RCD operating time (ms)	Test buttons: RCD (✓)	Test buttons: AFDD (✓)
1	EV Charger	G	C	1	6	6	5	61008-1	A	40	6	30	1.09	N/A	N/A	N/A	0.01	N/A	N/A	1000	500	✓	0.33	27.8	✓	N/A

Location of consumer unit: Meter Cabinet

Designation: EV DB

Prospective fault current at Consumer unit (where applicable): (N/A) kA

TESTED BY Name: Adam Shea **Position:** Technician **Signature:** Adam Shea **Date:** 27/05/2025

TEST INSTRUMENTS (enter serial number against each Instrument used)

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

NOTES FOR RECIPIENT

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

If you were the person ordering the work, but not the owner or user of the installation, you should pass this certificate, or a full copy of it including these notes, immediately to the owner or user of the installation.
This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected, tested and verified in accordance with the national standard for the safety of electrical installations, *BS 7671: 2018* (as amended) - *Requirements for Electrical Installations.*
Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested every six months. For safety reasons it is important that this instruction is followed.

Also for safety reasons, the complete electrical installation will need to be inspected and tested at appropriate intervals by a skilled person or persons competent in such work. The maximum interval recommended before the next inspection is stated in PART 3. There should be a notice at or near the consumer unit indicating the date when the next inspection is due.

The Domestic Electrical Installation Certificate consists of at least five pages, and is only valid if accompanied by the *Schedule of Items Inspected* and the *Schedule of Circuit Details and Test Results*. The certificate has a printed serial number which is traceable to the contractor to which it was supplied.
For installations having more than one consumer unit or more circuits than can be recorded on Page 5, one or more additional *Schedule of Circuit Details and Test Results*, should form part of the certificate.
This certificate is intended to be issued for either the initial certification of a new electrical installation, or for new work associated with an addition or alteration to an existing electrical installation, including the replacement of a consumer unit, in a domestic or similar premises.
This certificate should not have been issued for reporting on the condition of an existing electrical installation. An Electrical Installation Condition Report should be issued for such an inspection.
You should have received the certificate marked 'Original' and the contractor should have retained the certificate marked 'Duplicate'.

The 'Original' certificate should be kept in a safe place and shown to any person inspecting or undertaking work on the electrical installation in the future. If you later vacate the property, this certificate will demonstrate to the new owner or user that the electrical installation work complied with the requirements of *BS 7671: 2018* at the time the certificate was issued.

The *Construction (Design and Management) Regulations* require that, for a project covered by those Regulations, a copy of this certificate, together with schedules, is included in the project health and safety documentation.

Page 1 of this certificate provides details of the electrical installation, together with the names and signatures of the persons certifying the installation work and reviewing the results of inspection and testing.
Certification provides an assurance that the electrical installation work has been fully inspected and tested, and that the work has been carried out in accordance with the requirements of *BS 7671: 2018* (except for any departures appended to the certificate).
Where the electrical work to which this certificate relates includes the provision of a mains powered fire detection and alarm system (such as one or more smoke or heat detectors), this electrical safety certificate must be accompanied by a separate certificate for that system in accordance with British Standard *BS 5839-6*.

Where a number of sources are available to supply the installation, and where the data given for the primary source may differ from other sources, an additional page should have been provided which gives the relevant information relating to each additional source, and to the associated earthing arrangements and main switchgear.

Should the person ordering the work (e.g. the client, as identified on Page 1 of this certificate) have reason to believe that any element of the electrical work for which the contractor has accepted responsibility (as indicated by the signatures on this certificate) does not comply with the requirements of *BS 7671: 2018*, the person should in the first instance raise the specific concerns in writing with the contractor. If the concerns remain unresolved, the client may make a formal complaint to NICEIC, for which purpose a standard complaint form is available on request.