This certificate is not valid if the serial number has been defaced or altered **28513288** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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°: 040815000 Branch N°*: 000

Trading Title: Spark Solutions Ltd

Address: 10-12 North Street, Paisley

Postcode: PA3 2BS Tel No: 01418428072

DETAILS OF THE CLIENT

Contractor Reference Number (CRN): N/A

Name: PVP Developments Ltd

Address: Pvp Developments Ltd, 1/1, 15 North Claremont Street, Glasgow

Postcode: G3 7NR Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: PVP Developments Ltd

Unique Property Reference Number (UPRN): N/A

Address: Ground Floor Studio Supplies, Student Accomodation, 37 Gilbert Street, Glasgow,

Postcode: G3 8QN Tel No: N/A

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

Date works completed: 01/12/2023 **The installation is** New: (✔) An addition: (N/A) An alteration: (N/A) Replacement of a distribution board: (N/A)

Description and extent of the installation covered by this certificate: Studio Supplies

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

PART 3 : COMMENTS ON THE EXISTING INSTALLATION (in the case of an addition or alteration see Regulation 644.1.2)

N/A

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

PART 4A : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (use where the design, construction, inspection & testing have been the responsibility of one person)

DESIGN, CONSTRUCTION, INSPECTION & TESTING (the extent of liability of the signatory is limited to the work detailed in PART 2)

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, 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+A2:2022* except for the departures, if any (Regulations 120.3, 133.1.3 and 133.5), detailed as follows:

N/A

where required, continued on attached separate page(s) (N/A)

- Permitted exception applied (411.3.3): Yes/NA (N/A) Risk assessment attached: (N/A) Page No(s) (N/A)

I, being the designer of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 01/12/2033 (date)

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

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature: Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR

Name (capitals): DREW STOBO Signature: Date: 07/12/2023

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'

This certificate is not valid if the serial number has been defaced or altered **28513288** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 4B : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (to be completed where different parties are responsible for the design, construction, inspection & testing)

DESIGN (The extent of liability of the signatories is limited to the work detailed in PART 2)

I/We being the person(s) responsible for the design of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the design, hereby CERTIFY that the design work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3, 133.1.3 and 133.5).

- Permitted exception applied (411.3.3): ~~Xx~~/NA Risk assessment attached: (N/A) Page No(s) (N/A)

DESIGNER 1 Name (capitals): N/A Signature: N/A Date: N/A

DESIGNER 2 (where there is divided responsibility for design) Name (capitals): N/A Signature: N/A Date: N/A

I/we, being the designer(s) of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 01/12/2033 (date) (*Where applicable)

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.

Organisation (Designer 1): KJ TAIT Registration No*: 321456 Organisation (Designer 2): N/A Registration No*: N/A

Address: 15 Woodside Terrace Glasgow Address: N/A

Postcode: G3 7XH Tel No: 01413329676 Postcode: N/A Tel No: N/A

CONSTRUCTION (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the construction of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the construction, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: N/A Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

INSPECTION & TESTING (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the 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 inspection and testing, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR (for the Contractor detailed in PART 1)

Name (capitals): DREW STOBO Signature:  Date: 07/12/2023

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems), this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s).

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

This certificate is not valid if the serial number has been defaced or altered **28513288** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 5 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements

TN-C: (N/A) TN-S: (✔) TN-C-S: (N/A)

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

Supply protective device

BS EN: (60898) Type: (B) Rated current: (63) A

Number and type of live conductors

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

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

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]: (N/A) V

Nominal line voltage to Earth, U_0 [1]: (230) V

Nominal frequency, f [1]: (50) Hz

Prospective fault current, I_{pf} [2]*: (2) kA

Earth fault loop impedance, Z_e [2]*: (0.1) Ω

[1] By enquiry

[2] By enquiry or by measurement

PART 6 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS CERTIFICATE

Maximum demand (load): (100) ~~kVA~~ A

(delete as appropriate)

Means of Earthing

Distributor's facility: (✔)

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

Earth electrode type – rod(s), tape, etc: (None)

Location: (N/A)

Electrode resistance to Earth: (N/A) Ω

Main protective conductors

Earthing conductor:

(material Copper)

csa (95) mm² Connection/continuity verified: (✔)

Main protective bonding conductors:

(material Copper)

csa (95) mm² Connection/continuity verified: (NA)

Main protective bonding connections

Water installation pipes: (N/A)

Gas installation pipes: (N/A)

Structural steel: (N/A)

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: (Consumer unit)

BS EN: (60947-3) Type: (3) Rating / setting of device: (100) A

No. of poles: (2) Current rating: (100) A Voltage rating: (230) V

Where an RCD is used as the main switch

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

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

PART 7 : SCHEDULE OF ITEMS INSPECTED (enter ✓or N/A, as applicable)

		Outcome
1.	Condition of consumer's intake equipment (visual inspection only)	(✔)
2.	Parallel or switched alternative sources of supply	(N/A)
3.	Protective measure: Automatic disconnection of supply (ADS)	(✔)
4.	Basic protection	(✔)
5.	Protective measures other than ADS	(N/A)
6.	Additional protection	(✔)
7.	Distribution equipment	(✔)
8.	Circuits (distribution and final)	(✔)
9.	Isolation and switching	(✔)
10.	Current-using equipment (permanently connected)	(✔)
11.	Identification and notices	(✔)
12.	Location(s) containing a bath or shower	(✔)
13.	Other special installations or locations	(N/A)
14.	Prosumer's low voltage installation(s)	(N/A)

Schedule of Items Inspected by

Name (capitals): DREW STOBO

Signature: A Stobo Date: 07/12/2023

PART 8 : SCHEDULES AND ADDITIONAL PAGES (the pages identified are an essential part of this report (see Regulation 653.2))

Schedule of Circuit Details and Schedule of Test Results for the installation (PARTS 9A & 9B)

Page No(s): (4 & 5)

Additional pages, including data sheets for additional sources

Page No(s): (None)

Special installations or locations (indicated in item 13 of PART 7)

Page No(s): (None)

Schedules relating to Prosumer's installations (indicated in item 14 of PART 7)

Page No(s): (None)

Continuation sheets

Page No(s): (None)

**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.*

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

This certificate is not valid if the serial number has been defaced or altered **28513288** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part 9B '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 9B)	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	Surge Protection															
2	Surge Protection															
3	Surge Protection															
4	Surge Protection															
5	Studio 7	A	E	1	16	16	5	60898	C	63	6	0.35				
6	Studio 6	A	E	1	16	16	5	60898	C	63	6	0.35				
7	Studio 8	A	E	1	16	16	5	60898	C	63	6	0.35				
8	Studio 5	A	E	1	16	16	5	60898	C	63	6	0.35				
9	Studio 4	A	E	1	16	16	5	60898	C	63	6	0.35				
10	Studio 3	A	E	1	16	16	5	60898	C	63	6	0.35				
11	Studio 9	A	E	1	16	16	5	60898	C	63	6	0.35				
12	Studio 2	A	E	1	16	16	5	60898	C	63	6	0.35				
13	Studio 10	A	E	1	16	16	5	60898	C	63	6	0.35				
14	Studio 11	A	E	1	16	16	5	60898	C	63	6	0.35				
15	Studio 1	A	E	1	16	16	5	60898	C	63	6	0.35				
16	Studio 16	A	E	1	16	16	5	60898	C	63	6	0.35				
17	Studio 15	A	E	1	16	16	5	60898	C	63	6	0.35				
18	Studio 17	A	E	1	16	16	5	60898	C	63	6	0.35				

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

DB designation: Ground 1

Location of DB: Common hall cupboard

Z_{db}: N/A (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 9B), (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: (.....) 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 certificate 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

This certificate is not valid if the serial number has been defaced or altered **28513288** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part 9A)

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														
3														
4														
5	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
6	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
7	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
8	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
9	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
10	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
11	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
12	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
13	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
14	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
15	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
16	N/A	N/A	N/A	0.05	N/A	999	999	500	✔	0.11			N/A	
17	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
18	N/A	N/A	N/A	0.05	N/A	999	999	500	✔	0.11			N/A	

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

TESTED BY Name (capitals): DREW STOBO Position: QS Signature:  Date: 07/12/2023

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

* 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

This certificate is not valid if the serial number has been defaced or altered **28513288** **ISS18.2c**

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	Studio 14	A	E	1	16	16	5	60898	C	63	6	0.35				
20	Studio 13	A	E	1	16	16	5	60898	C	63	6	0.35				
21	Studio 12	A	E	1	16	16	5	60898	C	63	6	0.35				

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

DB designation: Ground 1

Location of DB: Common hall cupboard

Z_{db}: N/A (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: N/A

Overcurrent protective device for the distribution circuit

BS (EN): (N/A) Type: ( ) 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 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

CERTIFICATION SCOTLAND

spark SOLUTIONS

This certificate is not valid if the serial number has been defaced or altered **28513288** **ISS18.2c**

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	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
20	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
21	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	

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

TESTED BY Name (capitals): DREW STOBO Position: QS Signature: [signature] Date: 07/12/2023

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

* 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

NOTES FOR RECIPIENT

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

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected and tested in accordance with the national standard for the safety of electrical installations, *BS 7671: 2018+A2:2022* - Requirements for Electrical Installations.

You should have received the certificate marked 'Original' and the contractor should retain a duplicate. 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, immediately to the owner or user of the installation.

The 'Original' certificate 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 certificate will demonstrate to the new user that the electrical installation works complied with the requirements of *BS 7671: 201+A2:2022* 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.

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 4A or 4B. With the exception of domestic (household) premises, there should be a notice at or near the main switchboard or distribution board indicating the date when the next inspection is due.

Only an NICEIC* contractor responsible for the construction of the electrical installation is authorised to issue this NICEIC Electrical Installation Certificate, which has a unique serial number that is traceable to the contractor to which it was supplied by NICEIC.

This certificate is intended to be issued only for a new electrical installation or for new work associated with an addition or alteration to an existing installation, or for the replacement of a distribution board (or consumer unit). It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such a periodic inspection.

The certificate consists of at least five numbered pages. The certificate is only valid if the Schedule of Items Inspected (PART 7) has been completed to confirm that all relevant inspections have been carried out and the Schedule of Circuit Details (PART 9A) and the Schedule of Test Results (PART 9B) are attached. For installations having more than one distribution board (or consumer unit) or more circuits than can be recorded in PARTS 9A & 9B, one or more additional Schedule of Circuit Details and Schedule of Test Results, should form part of the certificate. Additional numbered pages may have been provided to permit further relevant information relating to the installation to be recorded. The Certificate is invalid if any of the additional pages, listed in PART 8 are missing.

This certificate should not have been issued for electrical work in a potentially explosive atmosphere (hazardous area) unless the contractor holds an appropriate extension to their NICEIC registration for such work.

Page 1 and 2 of this certificate provide details of the electrical installation, together with the name(s), signature(s) of the person(s) certifying the three elements of installation work (design, construction and inspection and testing) and the organisation(s) responsible for the work certified by their representative(s).

Certification for inspection and testing provides an assurance that the electrical installation work has been fully inspected and tested, and that the electrical work has been carried out in accordance with the requirements of *BS 7671: 2018+A2:2022* (except for any departures sanctioned by the designer and appended to the certificate).

Where responsibility for the design, the construction and the inspection and testing of the electrical work is divided between the contractor and one or more other bodies, the division of responsibility should have been established and agreed before commencement of the work. In such a case, NICEIC considers that the absence of certification for the construction, or the inspection and testing elements of the work would render the certificate invalid. If the design section of the certificate has not been completed, NICEIC recommends that you question why those responsible for the design have not certified that this important element of the work is in accordance with *BS 7671: 2018+A2:2022*.

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 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.

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems) in accordance with British Standards *BS 5839* and *BS 5266* respectively, this electrical safety certificate should be accompanied by a separate certificate or certificates as prescribed by those standards.

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 work for which the Contractor has accepted responsibility (as indicated by the signatures on this certificate) does not comply with *BS 7671: 2018+A2:2022*, the client 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.

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).*

This certificate is not valid if the serial number has been defaced or altered **28513466** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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°: 040815000 Branch N°*: 000

Trading Title: Spark Solutions Ltd

Address: 10-12 North Street, Paisley

Postcode: PA3 2BS Tel No: 01418428072

DETAILS OF THE CLIENT

Contractor Reference Number (CRN): N/A

Name: PVP Developments Ltd

Address: Pvp Developments Ltd, 1/1, 15 North Claremont Street, Glasgow

Postcode: G3 7NR Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: PVP Developments Ltd

Unique Property Reference Number (UPRN): N/A

Address: First Floor Studio Supplies, Student Accomodation, 37 Gilbert Street, Glasgow,

Postcode: G3 8QN Tel No: N/A

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

Date works completed: 01/12/2023 **The installation is** New: (✔) An addition: (N/A) An alteration: (N/A) Replacement of a distribution board: (N/A)

Description and extent of the installation covered by this certificate: Studio Supplies

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

PART 3 : COMMENTS ON THE EXISTING INSTALLATION (in the case of an addition or alteration see Regulation 644.1.2)

N/A

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

PART 4A : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (use where the design, construction, inspection & testing have been the responsibility of one person)

DESIGN, CONSTRUCTION, INSPECTION & TESTING (the extent of liability of the signatory is limited to the work detailed in PART 2)

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, 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+A2:2022* except for the departures, if any (Regulations 120.3, 133.1.3 and 133.5), detailed as follows:

N/A

where required, continued on attached separate page(s) (N/A)

- Permitted exception applied (411.3.3): Yes/NA (N/A) Risk assessment attached: (N/A) Page No(s) (N/A)

I, being the designer of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 01/12/2033 (date)

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

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature: Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR

Name (capitals): DREW STOBO Signature: Date: 07/12/2023

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'

This certificate is not valid if the serial number has been defaced or altered **28513466** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 4B : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (to be completed where different parties are responsible for the design, construction, inspection & testing)

DESIGN (The extent of liability of the signatories is limited to the work detailed in PART 2)

I/We being the person(s) responsible for the design of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the design, hereby CERTIFY that the design work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3, 133.1.3 and 133.5).

- Permitted exception applied (411.3.3): ~~Xx~~/NA Risk assessment attached: (N/A) Page No(s) (N/A)

DESIGNER 1 Name (capitals): N/A Signature: N/A Date: N/A

DESIGNER 2 (where there is divided responsibility for design) Name (capitals): N/A Signature: N/A Date: N/A

I/we, being the designer(s) of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 01/12/2033 (date) (*Where applicable)

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.

Organisation (Designer 1): KJ TAIT Registration No*: 321456 Organisation (Designer 2): N/A Registration No*: N/A

Address: 15 Woodside Terrace Glasgow Address: N/A

Postcode: G3 7XH Tel No: 01413329676 Postcode: N/A Tel No: N/A

CONSTRUCTION (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the construction of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the construction, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: N/A Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

INSPECTION & TESTING (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the 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 inspection and testing, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR (for the Contractor detailed in PART 1)

Name (capitals): DREW STOBO Signature:  Date: 07/12/2023

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems), this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s).

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

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EIC18.2s

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 5 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements

TN-C: (N/A) TN-S: (✔) TN-C-S: (N/A)

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

Supply protective device

BS EN: (60898) Type: (B) Rated current: (160) A

Number and type of live conductors

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

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

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]: (N/A) V

Nominal line voltage to Earth, U_0 [1]: (230) V

Nominal frequency, f [1]: (50) Hz

Prospective fault current, I_{pf} [2]*: (2) kA

Earth fault loop impedance, Z_e [2]*: (0.1) Ω

[1] By enquiry

[2] By enquiry or by measurement

PART 6 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS CERTIFICATE

Maximum demand (load): (100) ~~XX~~A

(*delete as appropriate*)

Means of Earthing

Distributor's facility: (✔)

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

Earth electrode type – rod(s), tape, etc: (None)

Location: (N/A)

Electrode resistance to Earth: (N/A) Ω

Main protective conductors

Earthing conductor:

(material Copper)

csa (95) mm² Connection/continuity verified: (✔)

Main protective bonding conductors:

(material N/A)

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

Main protective bonding connections

Water installation pipes: (N/A)

Gas installation pipes: (N/A)

Structural steel: (N/A)

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: (Consumer unit)

BS EN: (60947-3) Type: (3) Rating / setting of device: (100) A

No. of poles: (2) Current rating: (160) A Voltage rating: (400) V

Where an RCD is used as the main switch

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

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

PART 7 : SCHEDULE OF ITEMS INSPECTED (enter ✓or N/A, as applicable)

		Outcome
1.	Condition of consumer's intake equipment (visual inspection only)	(✔)
2.	Parallel or switched alternative sources of supply	(N/A)
3.	Protective measure: Automatic disconnection of supply (ADS)	(✔)
4.	Basic protection	(✔)
5.	Protective measures other than ADS	(N/A)
6.	Additional protection	(✔)
7.	Distribution equipment	(✔)
8.	Circuits (distribution and final)	(✔)
9.	Isolation and switching	(✔)
10.	Current-using equipment (permanently connected)	(✔)
11.	Identification and notices	(✔)
12.	Location(s) containing a bath or shower	(✔)
13.	Other special installations or locations	(N/A)
14.	Prosumer's low voltage installation(s)	(N/A)

Schedule of Items Inspected by

Name (capitals): DREW STOBO

Signature: A Stobo Date: 07/12/2023

PART 8 : SCHEDULES AND ADDITIONAL PAGES (the pages identified are an essential part of this report (see Regulation 653.2))

Schedule of Circuit Details and Schedule of Test Results for the installation (PARTS 9A & 9B)

Page No(s): (4 & 5)

Additional pages, including data sheets for additional sources

Page No(s): (None)

Special installations or locations (indicated in item 13 of PART 7)

Page No(s): (None)

Schedules relating to Prosumer's installations (indicated in item 14 of PART 7)

Page No(s): (None)

Continuation sheets

Page No(s): (None)

**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.*

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

This certificate is not valid if the serial number has been defaced or altered **28513466** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part 9B '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 9B)	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	Surge Protection															
2	Surge Protection															
3	Surge Protection															
4	Surge Protection															
5	Studio 11	A	E	1	16	16	5	60898	C	63	6	0.35				
6	Studio 2	A	E	1	16	16	5	60898	C	63	6	0.35				
7	Studio 3	A	E	1	16	16	5	60898	C	63	6	0.35				
8	Studio 4	A	E	1	16	16	5	60898	C	63	6	0.35				
9	Studio 5	A	E	1	16	16	5	60898	C	63	6	0.35				
10	Studio 6	A	E	1	16	16	5	60898	C	63	6	0.35				
11	Studio 7	A	E	1	16	16	5	60898	C	63	6	0.35				
12	Studio 14	A	E	1	16	16	5	60898	C	63	6	0.35				
13	Studio 9	A	E	1	16	16	5	60898	C	63	6	0.35				
14	Studio 10	A	E	1	16	16	5	60898	C	63	6	0.35				
15	Studio 1	A	E	1	16	16	5	60898	C	63	6	0.35				
16	Studio 12	A	E	1	16	16	5	60898	C	63	6	0.35				
17	Studio 13	A	E	1	16	16	5	60898	C	63	6	0.35				
18	Studio 18	A	E	1	16	16	5	60898	C	63	6	0.35				

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

DB designation: Ground 1

Location of DB: Common hall cupboard

Z_{db}: N/A (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 9B), (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: (.....) 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

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 CERTIFICATION SCOTLAND

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This certificate is not valid if the serial number has been defaced or altered **28513466**

EIC18.2s

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part 9A)

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														
3														
4														
5	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
6	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
7	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
8	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
9	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
10	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
11	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
12	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
13	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
14	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
15	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
16	N/A	N/A	N/A	0.05	N/A	999	999	500	✔	0.11			N/A	
17	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
18	N/A	N/A	N/A	0.05	N/A	999	999	500	✔	0.11			N/A	

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

TESTED BY Name (capitals): DREW STOBO Position: QS Signature:  Date: 07/12/2023

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

* 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

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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)
19	Studio 15	A	E	1	16	16	5	60898	C	63	6	0.35				
20	Studio 16	A	E	1	16	16	5	60898	C	63	6	0.35				
21	Studio 17	A	E	1	16	16	5	60898	C	63	6	0.35				
22	Studio 8	A	E	1	16	16	5	60898	C	63	6	0.35				
23	Studio 19	A	E	1	16	16	5	60898	C	63	6	0.35				
24	Studio 20	A	E	1	16	16	5	60898	C	63	6	0.35				
25	Studio 21	A	E	1	16	16	5	60898	C	63	6	0.35				

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

DB designation: Ground 1

Location of DB: Common hall cupboard

Z_{db}: N/A (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: N/A

Overcurrent protective device for the distribution circuit

BS (EN): (N/A) Type: (.....) 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 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

CERTIFICATION SCOTLAND

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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 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	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
20	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
21	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
22	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
23	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
24	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
25	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	

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

TESTED BY Name (capitals): DREW STOBO Position: QS Signature: Date: 07/12/2023

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

* 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

NOTES FOR RECIPIENT

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

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected and tested in accordance with the national standard for the safety of electrical installations, *BS 7671: 2018+A2:2022* - Requirements for Electrical Installations.

You should have received the certificate marked 'Original' and the contractor should retain a duplicate. 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, immediately to the owner or user of the installation.

The 'Original' certificate 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 certificate will demonstrate to the new user that the electrical installation works complied with the requirements of *BS 7671: 201+A2:2022* 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.

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 4A or 4B. With the exception of domestic (household) premises, there should be a notice at or near the main switchboard or distribution board indicating the date when the next inspection is due.

Only an NICEIC* contractor responsible for the construction of the electrical installation is authorised to issue this NICEIC Electrical Installation Certificate, which has a unique serial number that is traceable to the contractor to which it was supplied by NICEIC.

This certificate is intended to be issued only for a new electrical installation or for new work associated with an addition or alteration to an existing installation, or for the replacement of a distribution board (or consumer unit). It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such a periodic inspection.

The certificate consists of at least five numbered pages. The certificate is only valid if the Schedule of Items Inspected (PART 7) has been completed to confirm that all relevant inspections have been carried out and the Schedule of Circuit Details (PART 9A) and the Schedule of Test Results (PART 9B) are attached. For installations having more than one distribution board (or consumer unit) or more circuits than can be recorded in PARTS 9A & 9B, one or more additional Schedule of Circuit Details and Schedule of Test Results, should form part of the certificate. Additional numbered pages may have been provided to permit further relevant information relating to the installation to be recorded. The Certificate is invalid if any of the additional pages, listed in PART 8 are missing.

This certificate should not have been issued for electrical work in a potentially explosive atmosphere (hazardous area) unless the contractor holds an appropriate extension to their NICEIC registration for such work.

Page 1 and 2 of this certificate provide details of the electrical installation, together with the name(s), signature(s) of the person(s) certifying the three elements of installation work (design, construction and inspection and testing) and the organisation(s) responsible for the work certified by their representative(s).

Certification for inspection and testing provides an assurance that the electrical installation work has been fully inspected and tested, and that the electrical work has been carried out in accordance with the requirements of *BS 7671: 2018+A2:2022* (except for any departures sanctioned by the designer and appended to the certificate).

Where responsibility for the design, the construction and the inspection and testing of the electrical work is divided between the contractor and one or more other bodies, the division of responsibility should have been established and agreed before commencement of the work. In such a case, NICEIC considers that the absence of certification for the construction, or the inspection and testing elements of the work would render the certificate invalid. If the design section of the certificate has not been completed, NICEIC recommends that you question why those responsible for the design have not certified that this important element of the work is in accordance with *BS 7671: 2018+A2:2022*.

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 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.

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems) in accordance with British Standards *BS 5839* and *BS 5266* respectively, this electrical safety certificate should be accompanied by a separate certificate or certificates as prescribed by those standards.

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 work for which the Contractor has accepted responsibility (as indicated by the signatures on this certificate) does not comply with *BS 7671: 2018+A2:2022*, the client 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.

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).*

This certificate is not valid if the serial number has been defaced or altered **28513581** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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°: 040815000 Branch N°*: 000

Trading Title: Spark Solutions Ltd

Address: 10-12 North Street, Paisley

Postcode: PA3 2BS Tel No: 01418428072

DETAILS OF THE CLIENT

Contractor Reference Number (CRN): N/A

Name: PVP Developments Ltd

Address: Pvp Developments Ltd, 1/1, 15 North Claremont Street, Glasgow

Postcode: G3 7NR Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: PVP Developments Ltd

Unique Property Reference Number (UPRN): N/A

Address: 2nd Floor Studio Supplies, Student Accomodation, 37 Gilbert Street, Glasgow,

Postcode: G3 8QN Tel No: N/A

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

Date works completed: 01/12/2023 **The installation is** New: (✔) An addition: (N/A) An alteration: (N/A) Replacement of a distribution board: (N/A)

Description and extent of the installation covered by this certificate: Studio Supplies

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

PART 3 : COMMENTS ON THE EXISTING INSTALLATION (in the case of an addition or alteration see Regulation 644.1.2)

N/A

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

PART 4A : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (use where the design, construction, inspection & testing have been the responsibility of one person)

DESIGN, CONSTRUCTION, INSPECTION & TESTING (the extent of liability of the signatory is limited to the work detailed in PART 2)

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, 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+A2:2022* except for the departures, if any (Regulations 120.3, 133.1.3 and 133.5), detailed as follows:

N/A

where required, continued on attached separate page(s) (N/A)

- Permitted exception applied (411.3.3): Yes/NA (N/A) Risk assessment attached: (N/A) Page No(s) (N/A)

I, being the designer of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 01/12/2033 (date)

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

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature: Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR

Name (capitals): DREW STOBO Signature: Date: 07/12/2023

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'

This certificate is not valid if the serial number has been defaced or altered **28513581** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 4B : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (to be completed where different parties are responsible for the design, construction, inspection & testing)

DESIGN (The extent of liability of the signatories is limited to the work detailed in PART 2)

I/We being the person(s) responsible for the design of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the design, hereby CERTIFY that the design work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3, 133.1.3 and 133.5).

- Permitted exception applied (411.3.3): ~~Xx~~/NA Risk assessment attached: (N/A) Page No(s) (N/A)

DESIGNER 1 Name (capitals): N/A Signature: N/A Date: N/A

DESIGNER 2 (where there is divided responsibility for design) Name (capitals): N/A Signature: N/A Date: N/A

I/we, being the designer(s) of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 01/12/2033 (date) (*Where applicable)

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.

Organisation (Designer 1): KJ TAIT Registration No*: 321456 Organisation (Designer 2): N/A Registration No*: N/A

Address: 15 Woodside Terrace Glasgow Address: N/A

Postcode: G3 7XH Tel No: 01413329676 Postcode: N/A Tel No: N/A

CONSTRUCTION (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the construction of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the construction, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: N/A Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

INSPECTION & TESTING (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the 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 inspection and testing, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR (for the Contractor detailed in PART 1)

Name (capitals): DREW STOBO Signature:  Date: 07/12/2023

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems), this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s).

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

CERTIFICATION SCOTLAND

spark SOLUTIONS

This certificate is not valid if the serial number has been defaced or altered **28513581**

EIC18.2s

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 5 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements

TN-C: (N/A) TN-S: (✔) TN-C-S: (N/A)

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

Supply protective device

BS EN: (60898) Type: (B) Rated current: (160) 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) kA

Earth fault loop impedance, Z_e [2]*: (0.1) Ω

[1] By enquiry

[2] By enquiry or by measurement

PART 6 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS CERTIFICATE

Maximum demand (load): (100) ~~kVA~~ A

(*delete as appropriate*)

Means of Earthing

Distributor's facility: (✔)

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

Earth electrode type – rod(s), tape, etc: (None)

Location: (N/A)

Electrode resistance to Earth: (N/A) Ω

Main protective conductors

Earthing conductor:

(material Copper)

csa (95) mm² Connection/continuity verified: (✔)

Main protective bonding conductors:

(material N/A)

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

Main protective bonding connections

Water installation pipes: (N/A)

Gas installation pipes: (N/A)

Structural steel: (N/A)

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: (Consumer unit)

BS EN: (60947-3) Type: (3) Rating / setting of device: (160) A

No. of poles: (2) Current rating: (160) A Voltage rating: (400) V

Where an RCD is used as the main switch

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

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

PART 7 : SCHEDULE OF ITEMS INSPECTED (enter ✓or N/A, as applicable)

		Outcome
1.	Condition of consumer's intake equipment (visual inspection only)	(✔)
2.	Parallel or switched alternative sources of supply	(N/A)
3.	Protective measure: Automatic disconnection of supply (ADS)	(✔)
4.	Basic protection	(✔)
5.	Protective measures other than ADS	(N/A)
6.	Additional protection	(✔)
7.	Distribution equipment	(✔)
8.	Circuits (distribution and final)	(✔)
9.	Isolation and switching	(✔)
10.	Current-using equipment (permanently connected)	(✔)
11.	Identification and notices	(✔)
12.	Location(s) containing a bath or shower	(✔)
13.	Other special installations or locations	(N/A)
14.	Prosumer's low voltage installation(s)	(N/A)

Schedule of Items Inspected by

Name (capitals): DREW STOBO

Signature: A Stobo Date: 07/12/2023

PART 8 : SCHEDULES AND ADDITIONAL PAGES (the pages identified are an essential part of this report (see Regulation 653.2))

Schedule of Circuit Details and Schedule of Test Results for the installation (PARTS 9A & 9B)

Page No(s): (4 & 5)

Additional pages, including data sheets for additional sources

Page No(s): (None)

Special installations or locations (indicated in item 13 of PART 7)

Page No(s): (None)

Schedules relating to Prosumer's installations (indicated in item 14 of PART 7)

Page No(s): (None)

Continuation sheets

Page No(s): (None)

**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.*

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

This certificate is not valid if the serial number has been defaced or altered **28513581** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part 9B '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 9B)	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	Surge Protection															
2	Surge Protection															
3	Surge Protection															
4	Surge Protection															
5	Studio 11	A	E	1	16	16	5	60898	C	63	6	0.35				
6	Studio 2	A	E	1	16	16	5	60898	C	63	6	0.35				
7	Studio 3	A	E	1	16	16	5	60898	C	63	6	0.35				
8	Studio 4	A	E	1	16	16	5	60898	C	63	6	0.35				
9	Studio 5	A	E	1	16	16	5	60898	C	63	6	0.35				
10	Studio 6	A	E	1	16	16	5	60898	C	63	6	0.35				
11	Studio 7	A	E	1	16	16	5	60898	C	63	6	0.35				
12	Studio 8	A	E	1	16	16	5	60898	C	63	6	0.35				
13	Studio 9	A	E	1	16	16	5	60898	C	63	6	0.35				
14	Studio 10	A	E	1	16	16	5	60898	C	63	6	0.35				
15	Studio 1	A	E	1	16	16	5	60898	C	63	6	0.35				
16	Studio 12	A	E	1	16	16	5	60898	C	63	6	0.35				
17	Studio 13	A	E	1	16	16	5	60898	C	63	6	0.35				
18	Studio 14	A	E	1	16	16	5	60898	C	63	6	0.35				

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

DB designation: 2nd Floor Studio Supplies

Location of DB: Common hall cupboard

Z_{db}: N/A (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 9B), (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: (.....) 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

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

This certificate is not valid if the serial number has been defaced or altered **28513581** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part 9A)

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														
3														
4														
5	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
6	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
7	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
8	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
9	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
10	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
11	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
12	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
13	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
14	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
15	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
16	N/A	N/A	N/A	0.05	N/A	999	999	500	✔	0.11			N/A	
17	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
18	N/A	N/A	N/A	0.05	N/A	999	999	500	✔	0.11			N/A	

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

TESTED BY Name (capitals): DREW STOBO Position: QS Signature:  Date: 07/12/2023

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

* 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

This certificate is not valid if the serial number has been defaced or altered **28513581** **ISS18.2c**

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	Studio 15	A	E	1	16	16	5	60898	C	63	6	0.35				
20	Studio 16	A	E	1	16	16	5	60898	C	63	6	0.35				
21	Studio 17	A	E	1	16	16	5	60898	C	63	6	0.35				
22	Studio 18	A	E	1	16	16	5	60898	C	63	6	0.35				
23	Studio 19	A	E	1	16	16	5	60898	C	63	6	0.35				
24	Studio 20	A	E	1	16	16	5	60898	C	63	6	0.35				
25	Studio 21	A	E	1	16	16	5	60898	C	63	6	0.35				

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

DB designation: 2nd Floor Studio Supplies

Location of DB: Common hall cupboard

Z_{db}: N/A (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: N/A

Overcurrent protective device for the distribution circuit

BS (EN): (N/A) Type: (……) 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 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

CERTIFICATION SCOTLAND

spark SOLUTIONS

This certificate is not valid if the serial number has been defaced or altered **28513581** **ISS18.2c**

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	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
20	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
21	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
22	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
23	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
24	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
25	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	

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

TESTED BY Name (capitals): DREW STOBO Position: QS Signature: Date: 07/12/2023

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

* 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

NOTES FOR RECIPIENT

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

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected and tested in accordance with the national standard for the safety of electrical installations, *BS 7671: 2018+A2:2022* - Requirements for Electrical Installations.

You should have received the certificate marked 'Original' and the contractor should retain a duplicate. 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, immediately to the owner or user of the installation.

The 'Original' certificate 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 certificate will demonstrate to the new user that the electrical installation works complied with the requirements of *BS 7671: 201+A2:2022* 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.

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 4A or 4B. With the exception of domestic (household) premises, there should be a notice at or near the main switchboard or distribution board indicating the date when the next inspection is due.

Only an NICEIC* contractor responsible for the construction of the electrical installation is authorised to issue this NICEIC Electrical Installation Certificate, which has a unique serial number that is traceable to the contractor to which it was supplied by NICEIC.

This certificate is intended to be issued only for a new electrical installation or for new work associated with an addition or alteration to an existing installation, or for the replacement of a distribution board (or consumer unit). It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such a periodic inspection.

The certificate consists of at least five numbered pages. The certificate is only valid if the Schedule of Items Inspected (PART 7) has been completed to confirm that all relevant inspections have been carried out and the Schedule of Circuit Details (PART 9A) and the Schedule of Test Results (PART 9B) are attached. For installations having more than one distribution board (or consumer unit) or more circuits than can be recorded in PARTS 9A & 9B, one or more additional Schedule of Circuit Details and Schedule of Test Results, should form part of the certificate. Additional numbered pages may have been provided to permit further relevant information relating to the installation to be recorded. The Certificate is invalid if any of the additional pages, listed in PART 8 are missing.

This certificate should not have been issued for electrical work in a potentially explosive atmosphere (hazardous area) unless the contractor holds an appropriate extension to their NICEIC registration for such work.

Page 1 and 2 of this certificate provide details of the electrical installation, together with the name(s), signature(s) of the person(s) certifying the three elements of installation work (design, construction and inspection and testing) and the organisation(s) responsible for the work certified by their representative(s).

Certification for inspection and testing provides an assurance that the electrical installation work has been fully inspected and tested, and that the electrical work has been carried out in accordance with the requirements of *BS 7671: 2018+A2:2022* (except for any departures sanctioned by the designer and appended to the certificate).

Where responsibility for the design, the construction and the inspection and testing of the electrical work is divided between the contractor and one or more other bodies, the division of responsibility should have been established and agreed before commencement of the work. In such a case, NICEIC considers that the absence of certification for the construction, or the inspection and testing elements of the work would render the certificate invalid. If the design section of the certificate has not been completed, NICEIC recommends that you question why those responsible for the design have not certified that this important element of the work is in accordance with *BS 7671: 2018+A2:2022*.

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 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.

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems) in accordance with British Standards *BS 5839* and *BS 5266* respectively, this electrical safety certificate should be accompanied by a separate certificate or certificates as prescribed by those standards.

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 work for which the Contractor has accepted responsibility (as indicated by the signatures on this certificate) does not comply with *BS 7671: 2018+A2:2022*, the client 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.

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).*

CERTIFICATION SCOTLAND

This certificate is not valid if the serial number has been defaced or altered **28513677** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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°: 040815000 Branch N°*: 000

Trading Title: Spark Solutions Ltd

Address: 10-12 North Street, Paisley

Postcode: PA3 2BS Tel No: 01418428072

DETAILS OF THE CLIENT

Contractor Reference Number (CRN): N/A

Name: PVP Developments Ltd

Address: Pvp Developments Ltd, 1/1, 15 North Claremont Street, Glasgow

Postcode: G3 7NR Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: PVP Developments Ltd

Unique Property Reference Number (UPRN): N/A

Address: 3rd Floor Studio Supplies, Student Accomodation, 37 Gilbert Street, Glasgow,

Postcode: G3 8QN Tel No: N/A

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

Date works completed: 01/12/2023 **The installation is** New: (✔) An addition: (N/A) An alteration: (N/A) Replacement of a distribution board: (N/A)

Description and extent of the installation covered by this certificate: Studio Supplies

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

PART 3 : COMMENTS ON THE EXISTING INSTALLATION (in the case of an addition or alteration see Regulation 644.1.2)

N/A

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

PART 4A : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (use where the design, construction, inspection & testing have been the responsibility of one person)

DESIGN, CONSTRUCTION, INSPECTION & TESTING (the extent of liability of the signatory is limited to the work detailed in PART 2)

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, 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+A2:2022* except for the departures, if any (Regulations 120.3, 133.1.3 and 133.5), detailed as follows:

N/A

where required, continued on attached separate page(s) (N/A)

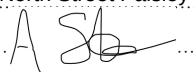
- Permitted exception applied (411.3.3): Yes/NA (N/A) Risk assessment attached: (N/A) Page No(s) (N/A)

I, being the designer of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 01/12/2033 (date)

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

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR

Name (capitals): DREW STOBO Signature:  Date: 07/12/2023

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'

This certificate is not valid if the serial number has been defaced or altered **28513677** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 4B : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (to be completed where different parties are responsible for the design, construction, inspection & testing)

DESIGN (The extent of liability of the signatories is limited to the work detailed in PART 2)

I/We being the person(s) responsible for the design of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the design, hereby CERTIFY that the design work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3, 133.1.3 and 133.5).

- Permitted exception applied (411.3.3): ~~Xx~~/NA Risk assessment attached: (N/A) Page No(s) (N/A)

DESIGNER 1 Name (capitals): N/A Signature: N/A Date: N/A

DESIGNER 2 (where there is divided responsibility for design) Name (capitals): N/A Signature: N/A Date: N/A

I/we, being the designer(s) of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 01/12/2033 (date) (*Where applicable)

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.

Organisation (Designer 1): KJ TAIT Registration No*: 321456 Organisation (Designer 2): N/A Registration No*: N/A

Address: 15 Woodside Terrace Glasgow Address: N/A

Postcode: G3 7XH Tel No: 01413329676 Postcode: N/A Tel No: N/A

CONSTRUCTION (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the construction of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the construction, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: N/A Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

INSPECTION & TESTING (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the 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 inspection and testing, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR (for the Contractor detailed in PART 1)

Name (capitals): DREW STOBO Signature:  Date: 07/12/2023

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems), this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s).

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

This certificate is not valid if the serial number has been defaced or altered **28513677** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 5 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements

TN-C: (N/A) TN-S: (✔) TN-C-S: (N/A)

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

Supply protective device

BS EN: (60898) Type: (B) Rated current: (160) 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) kA

Earth fault loop impedance, Z_e [2]*: (0.1) Ω

[1] By enquiry

[2] By enquiry or by measurement

PART 6 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS CERTIFICATE

Maximum demand (load): (100) ~~kVA~~ A

(*delete as appropriate*)

Means of Earthing

Distributor's facility: (✔)

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

Earth electrode type – rod(s), tape, etc: (None)

Location: (N/A)

Electrode resistance to Earth: (N/A) Ω

Main protective conductors

Earthing conductor:

(material Copper)

csa (95) mm² Connection/continuity verified: (✔)

Main protective bonding conductors:

(material N/A)

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

Main protective bonding connections

Water installation pipes: (N/A)

Gas installation pipes: (N/A)

Structural steel: (N/A)

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: (Consumer unit)

BS EN: (60947-3) Type: (3) Rating / setting of device: (160) A

No. of poles: (3) Current rating: (160) A Voltage rating: (400) V

Where an RCD is used as the main switch

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

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

PART 7 : SCHEDULE OF ITEMS INSPECTED (enter ✓or N/A, as applicable)

		Outcome
1.	Condition of consumer's intake equipment (visual inspection only)	(✔)
2.	Parallel or switched alternative sources of supply	(N/A)
3.	Protective measure: Automatic disconnection of supply (ADS)	(✔)
4.	Basic protection	(✔)
5.	Protective measures other than ADS	(N/A)
6.	Additional protection	(✔)
7.	Distribution equipment	(✔)
8.	Circuits (distribution and final)	(✔)
9.	Isolation and switching	(✔)
10.	Current-using equipment (permanently connected)	(✔)
11.	Identification and notices	(✔)
12.	Location(s) containing a bath or shower	(✔)
13.	Other special installations or locations	(N/A)
14.	Prosumer's low voltage installation(s)	(N/A)

Schedule of Items Inspected by

Name (capitals): DREW STOBO

Signature: A Stobo Date: 07/12/2023

PART 8 : SCHEDULES AND ADDITIONAL PAGES (the pages identified are an essential part of this report (see Regulation 653.2))

Schedule of Circuit Details and Schedule of Test Results for the installation (PARTS 9A & 9B)

Page No(s): (4 & 5)

Additional pages, including data sheets for additional sources

Page No(s): (None)

Special installations or locations (indicated in item 13 of PART 7)

Page No(s): (None)

Schedules relating to Prosumer's installations (indicated in item 14 of PART 7)

Page No(s): (None)

Continuation sheets

Page No(s): (None)

**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.*

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

This certificate is not valid if the serial number has been defaced or altered **28513677** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part 9B '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 9B)	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	Surge Protection															
2	Surge Protection															
3	Surge Protection															
4	Surge Protection															
5	Studio 7	A	E	1	16	16	5	60898	C	63	6	0.35				
6	Studio 2	A	E	1	16	16	5	60898	C	63	6	0.35				
7	Studio 3	A	E	1	16	16	5	60898	C	63	6	0.35				
8	Studio 4	A	E	1	16	16	5	60898	C	63	6	0.35				
9	Studio 5	A	E	1	16	16	5	60898	C	63	6	0.35				
10	Studio 6	A	E	1	16	16	5	60898	C	63	6	0.35				
11	Studio 8	A	E	1	16	16	5	60898	C	63	6	0.35				
12	Studio 11	A	E	1	16	16	5	60898	C	63	6	0.35				
13	Studio 9	A	E	1	16	16	5	60898	C	63	6	0.35				
14	Studio 10	A	E	1	16	16	5	60898	C	63	6	0.35				
15	Studio 1	A	E	1	16	16	5	60898	C	63	6	0.35				
16	Studio 12	A	E	1	16	16	5	60898	C	63	6	0.35				
17	Studio 13	A	E	1	16	16	5	60898	C	63	6	0.35				
18	Studio 14	A	E	1	16	16	5	60898	C	63	6	0.35				

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

DB designation: 3rd Floor Studio Supplies

Location of DB: Common hall cupboard

Z_{db}: N/A (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 9B), (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: (.....) 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

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

CERTIFICATION SCOTLAND

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EIC18.2s

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part 9A)

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														
3														
4														
5	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
6	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
7	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
8	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
9	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
10	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
11	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
12	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
13	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
14	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
15	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
16	N/A	N/A	N/A	0.05	N/A	999	999	500	✔	0.11			N/A	
17	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
18	N/A	N/A	N/A	0.05	N/A	999	999	500	✔	0.11			N/A	

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

TESTED BY Name (capitals): DREW STOBO Position: QS Signature:  Date: 07/12/2023

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

* 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 CERTIFICATION SCOTLAND

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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)
19	Studio 15	A	E	1	16	16	5	60898	C	63	6	0.35				
20	Studio 16	A	E	1	16	16	5	60898	C	63	6	0.35				
21	Studio 17	A	E	1	16	16	5	60898	C	63	6	0.35				
22	Studio 18	A	E	1	16	16	5	60898	C	63	6	0.35				
23	Studio 19	A	E	1	16	16	5	60898	C	63	6	0.35				
24	Studio 20	A	E	1	16	16	5	60898	C	63	6	0.35				
25	Studio 21	A	E	1	16	16	5	60898	C	63	6	0.35				

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

DB designation: 3rd Floor Studio Supplies

Location of DB: Common hall cupboard

Z_{db}: N/A (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: N/A

Overcurrent protective device for the distribution circuit

BS (EN): (N/A) Type: (.....) 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 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

CERTIFICATION SCOTLAND

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This certificate is not valid if the serial number has been defaced or altered **28513677** **ISS18.2c**

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	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
20	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
21	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
22	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
23	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
24	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	
25	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.10			N/A	

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

TESTED BY Name (capitals): DREW STOBO Position: QS Signature: Date: 07/12/2023

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

* 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

NOTES FOR RECIPIENT

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

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected and tested in accordance with the national standard for the safety of electrical installations, *BS 7671: 2018+A2:2022* - Requirements for Electrical Installations.

You should have received the certificate marked 'Original' and the contractor should retain a duplicate. 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, immediately to the owner or user of the installation.

The 'Original' certificate 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 certificate will demonstrate to the new user that the electrical installation works complied with the requirements of *BS 7671: 201+A2:2022* 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.

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 4A or 4B. With the exception of domestic (household) premises, there should be a notice at or near the main switchboard or distribution board indicating the date when the next inspection is due.

Only an NICEIC* contractor responsible for the construction of the electrical installation is authorised to issue this NICEIC Electrical Installation Certificate, which has a unique serial number that is traceable to the contractor to which it was supplied by NICEIC.

This certificate is intended to be issued only for a new electrical installation or for new work associated with an addition or alteration to an existing installation, or for the replacement of a distribution board (or consumer unit). It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such a periodic inspection.

The certificate consists of at least five numbered pages. The certificate is only valid if the Schedule of Items Inspected (PART 7) has been completed to confirm that all relevant inspections have been carried out and the Schedule of Circuit Details (PART 9A) and the Schedule of Test Results (PART 9B) are attached. For installations having more than one distribution board (or consumer unit) or more circuits than can be recorded in PARTS 9A & 9B, one or more additional Schedule of Circuit Details and Schedule of Test Results, should form part of the certificate. Additional numbered pages may have been provided to permit further relevant information relating to the installation to be recorded. The Certificate is invalid if any of the additional pages, listed in PART 8 are missing.

This certificate should not have been issued for electrical work in a potentially explosive atmosphere (hazardous area) unless the contractor holds an appropriate extension to their NICEIC registration for such work.

Page 1 and 2 of this certificate provide details of the electrical installation, together with the name(s), signature(s) of the person(s) certifying the three elements of installation work (design, construction and inspection and testing) and the organisation(s) responsible for the work certified by their representative(s).

Certification for inspection and testing provides an assurance that the electrical installation work has been fully inspected and tested, and that the electrical work has been carried out in accordance with the requirements of *BS 7671: 2018+A2:2022* (except for any departures sanctioned by the designer and appended to the certificate).

Where responsibility for the design, the construction and the inspection and testing of the electrical work is divided between the contractor and one or more other bodies, the division of responsibility should have been established and agreed before commencement of the work. In such a case, NICEIC considers that the absence of certification for the construction, or the inspection and testing elements of the work would render the certificate invalid. If the design section of the certificate has not been completed, NICEIC recommends that you question why those responsible for the design have not certified that this important element of the work is in accordance with *BS 7671: 2018+A2:2022*.

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 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.

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems) in accordance with British Standards *BS 5839* and *BS 5266* respectively, this electrical safety certificate should be accompanied by a separate certificate or certificates as prescribed by those standards.

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 work for which the Contractor has accepted responsibility (as indicated by the signatures on this certificate) does not comply with *BS 7671: 2018+A2:2022*, the client 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.

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).*

This certificate is not valid if the serial number has been defaced or altered **28513788**

EIC18.2s

ELECTRICAL INSTALLATION CERTIFICATE

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°: 040815000 Branch N°*: 000

Trading Title: Spark Solutions Ltd

Address: 10-12 North Street, Paisley

Postcode: PA3 2BS Tel No: 01418428072

DETAILS OF THE CLIENT

Contractor Reference Number (CRN): N/A

Name: PVP Developments Ltd

Address: Pvp Developments Ltd, 1/1, 15 North Claremont Street, Glasgow

Postcode: G3 7NR Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: PVP Developments Ltd

Unique Property Reference Number (UPRN): N/A

Address: 4th Floor Studio Supplies, Student Accomodation, 37 Gilbert Street, Glasgow,

Postcode: G3 8QN Tel No: N/A

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

Date works completed: 01/12/2023 **The installation is** New: (✔) An addition: (N/A) An alteration: (N/A) Replacement of a distribution board: (N/A)

Description and extent of the installation covered by this certificate: Studio Supplies

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

PART 3 : COMMENTS ON THE EXISTING INSTALLATION (in the case of an addition or alteration see Regulation 644.1.2)

N/A

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

PART 4A : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (use where the design, construction, inspection & testing have been the responsibility of one person)

DESIGN, CONSTRUCTION, INSPECTION & TESTING (the extent of liability of the signatory is limited to the work detailed in PART 2)

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, 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+A2:2022* except for the departures, if any (Regulations 120.3, 133.1.3 and 133.5), detailed as follows:

N/A

where required, continued on attached separate page(s) (N/A)

- Permitted exception applied (411.3.3): Yes/NA (N/A) Risk assessment attached: (N/A) Page No(s) (N/A)

I, being the designer of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 01/12/2033 (date)

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

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature: Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR

Name (capitals): DREW STOBO Signature: Date: 07/12/2023

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'

This certificate is not valid if the serial number has been defaced or altered **28513788** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 4B : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (to be completed where different parties are responsible for the design, construction, inspection & testing)

DESIGN (The extent of liability of the signatories is limited to the work detailed in PART 2)

I/We being the person(s) responsible for the design of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the design, hereby CERTIFY that the design work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3, 133.1.3 and 133.5).

- Permitted exception applied (411.3.3): ~~Xx~~/NA Risk assessment attached: (N/A) Page No(s) (N/A)

DESIGNER 1 Name (capitals): N/A Signature: N/A Date: N/A

DESIGNER 2 (where there is divided responsibility for design) Name (capitals): N/A Signature: N/A Date: N/A

I/we, being the designer(s) of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 01/12/2033 (date) (*Where applicable)

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.

Organisation (Designer 1): KJ TAIT Registration No*: 321456 Organisation (Designer 2): N/A Registration No*: N/A

Address: 15 Woodside Terrace Glasgow Address: N/A

Postcode: G3 7XH Tel No: 01413329676 Postcode: N/A Tel No: N/A

CONSTRUCTION (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the construction of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the construction, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: N/A Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

INSPECTION & TESTING (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the 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 inspection and testing, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR (for the Contractor detailed in PART 1)

Name (capitals): DREW STOBO Signature:  Date: 07/12/2023

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems), this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s).

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

CERTIFICATION SCOTLAND

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This certificate is not valid if the serial number has been defaced or altered **28513788**

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ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 5 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements

TN-C: (N/A) TN-S: (✔) TN-C-S: (N/A)

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

Supply protective device

BS EN: (60898) Type: (B) Rated current: (160) 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) kA

Earth fault loop impedance, Z_e [2]*: (0.1) Ω

[1] By enquiry

[2] By enquiry or by measurement

PART 6 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS CERTIFICATE

Maximum demand (load): (100) ~~kVA~~ A

(*delete as appropriate*)

Means of Earthing

Distributor's facility: (✔)

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

Earth electrode type – rod(s), tape, etc: (None)

Location: (N/A)

Electrode resistance to Earth: (N/A) Ω

Main protective conductors

Earthing conductor:

(material Copper)

csa (95) mm² Connection/continuity verified: (✔)

Main protective bonding conductors:

(material N/A)

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

Main protective bonding connections

Water installation pipes: (N/A)

Gas installation pipes: (N/A)

Structural steel: (N/A)

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: (Consumer unit)

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

No. of poles: (2) Current rating: (160) A Voltage rating: (230) V

Where an RCD is used as the main switch

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

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

PART 7 : SCHEDULE OF ITEMS INSPECTED (enter ✓or N/A, as applicable)

		Outcome
1.	Condition of consumer's intake equipment (visual inspection only)	(✔)
2.	Parallel or switched alternative sources of supply	(N/A)
3.	Protective measure: Automatic disconnection of supply (ADS)	(✔)
4.	Basic protection	(✔)
5.	Protective measures other than ADS	(N/A)
6.	Additional protection	(✔)
7.	Distribution equipment	(✔)
8.	Circuits (distribution and final)	(✔)
9.	Isolation and switching	(✔)
10.	Current-using equipment (permanently connected)	(✔)
11.	Identification and notices	(✔)
12.	Location(s) containing a bath or shower	(✔)
13.	Other special installations or locations	(N/A)
14.	Prosumer's low voltage installation(s)	(N/A)

Schedule of Items Inspected by

Name (capitals): DREW STOBO

Signature: A Stobo Date: 07/12/2023

PART 8 : SCHEDULES AND ADDITIONAL PAGES (the pages identified are an essential part of this report (see Regulation 653.2))

Schedule of Circuit Details and Schedule of Test Results for the installation (PARTS 9A & 9B)

Page No(s): (4 & 5)

Additional pages, including data sheets for additional sources

Page No(s): (None)

Special installations or locations (indicated in item 13 of PART 7)

Page No(s): (None)

Schedules relating to Prosumer's installations (indicated in item 14 of PART 7)

Page No(s): (None)

Continuation sheets

Page No(s): (None)

**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.*

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

This certificate is not valid if the serial number has been defaced or altered **28513788** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part 9B '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 9B)	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	Surge Protection															
2	Surge Protection															
3	Surge Protection															
4	Surge Protection															
5	Studio 1	A	E	1	16	16	5	60898	C	63	6	0.35				
6	Studio 2	A	E	1	16	16	5	60898	C	63	6	0.35				
7	Studio 3	A	E	1	16	16	5	60898	C	63	6	0.35				
8	Studio 4	A	E	1	16	16	5	60898	C	63	6	0.35				
9	Studio 5	A	E	1	16	16	5	60898	C	63	6	0.35				
10	Studio 6	A	E	1	16	16	5	60898	C	63	6	0.35				
11	Studio 7	A	E	1	16	16	5	60898	C	63	6	0.35				
12	Studio 8	A	E	1	16	16	5	60898	C	63	6	0.35				
13	Studio 9	A	E	1	16	16	5	60898	C	63	6	0.35				
14	Studio 10	A	E	1	16	16	5	60898	C	63	6	0.35				
15	Studio 11	A	E	1	16	16	5	60898	C	63	6	0.35				
16	Studio 12	A	E	1	16	16	5	60898	C	63	6	0.35				
17	Studio 13	A	E	1	16	16	5	60898	C	63	6	0.35				
18	Studio 14	A	E	1	16	16	5	60898	C	63	6	0.35				

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

DB designation: Ground 1

Location of DB: Common hall cupboard

Z_{db}: N/A (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 9B), (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: (.....) 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 certificate 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

CERTIFICATION SCOTLAND

spark SOLUTIONS

This certificate is not valid if the serial number has been defaced or altered **28513788**

EIC18.2s

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part 9A)

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														
3														
4														
5	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.12			N/A	
6	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.12			N/A	
7	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.12			N/A	
8	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.11			N/A	
9	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.12			N/A	
10	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.12			N/A	
11	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.12			N/A	
12	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.11			N/A	
13	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.11			N/A	
14	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.12			N/A	
15	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.12			N/A	
16	N/A	N/A	N/A	0.05	N/A	999	999	500	✔	0.12			N/A	
17	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.11			N/A	
18	N/A	N/A	N/A	0.05	N/A	999	999	500	✔	0.11			N/A	

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

TESTED BY Name (capitals): DREW STOBO Position: QS Signature: [signature] Date: 07/12/2023

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

* 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

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	Studio 15	A	E	1	16	16	5	60898	C	63	6	0.35				
20	Studio 16	A	E	1	16	16	5	60898	C	63	6	0.35				
21	Studio 17	A	E	1	16	16	5	60898	C	63	6	0.35				
22	Studio 17	A	E	1	16	16	5	60898	C	63	6	0.35				
23	Studio 18	A	E	1	16	16	5	60898	C	63	6	0.35				
24	Studio 19	A	E	1	16	16	5	60898	C	63	6	0.35				

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

DB designation: Ground 1

Location of DB: Common hall cupboard

Z_{db}: N/A (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: N/A

Overcurrent protective device for the distribution circuit

BS (EN): (N/A) Type: (.....) 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 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

CERTIFICATION SCOTLAND

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This certificate is not valid if the serial number has been defaced or altered **28513788** **ISS18.2c**

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	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.11			N/A	
20	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.11			N/A	
21	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.12			N/A	
22	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.12			N/A	
23	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.11			N/A	
24	N/A	N/A	N/A	0.04	N/A	999	999	500	✔	0.11			N/A	

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

TESTED BY Name (capitals): DREW STOBO Position: QS Signature: Date: 07/12/2023

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

* 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

NOTES FOR RECIPIENT

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

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected and tested in accordance with the national standard for the safety of electrical installations, *BS 7671: 2018+A2:2022* - Requirements for Electrical Installations.

You should have received the certificate marked 'Original' and the contractor should retain a duplicate. 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, immediately to the owner or user of the installation.

The 'Original' certificate 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 certificate will demonstrate to the new user that the electrical installation works complied with the requirements of *BS 7671: 201+A2:2022* 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.

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 4A or 4B. With the exception of domestic (household) premises, there should be a notice at or near the main switchboard or distribution board indicating the date when the next inspection is due.

Only an NICEIC* contractor responsible for the construction of the electrical installation is authorised to issue this NICEIC Electrical Installation Certificate, which has a unique serial number that is traceable to the contractor to which it was supplied by NICEIC.

This certificate is intended to be issued only for a new electrical installation or for new work associated with an addition or alteration to an existing installation, or for the replacement of a distribution board (or consumer unit). It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such a periodic inspection.

The certificate consists of at least five numbered pages. The certificate is only valid if the Schedule of Items Inspected (PART 7) has been completed to confirm that all relevant inspections have been carried out and the Schedule of Circuit Details (PART 9A) and the Schedule of Test Results (PART 9B) are attached. For installations having more than one distribution board (or consumer unit) or more circuits than can be recorded in PARTS 9A & 9B, one or more additional Schedule of Circuit Details and Schedule of Test Results, should form part of the certificate. Additional numbered pages may have been provided to permit further relevant information relating to the installation to be recorded. The Certificate is invalid if any of the additional pages, listed in PART 8 are missing.

This certificate should not have been issued for electrical work in a potentially explosive atmosphere (hazardous area) unless the contractor holds an appropriate extension to their NICEIC registration for such work.

Page 1 and 2 of this certificate provide details of the electrical installation, together with the name(s), signature(s) of the person(s) certifying the three elements of installation work (design, construction and inspection and testing) and the organisation(s) responsible for the work certified by their representative(s).

Certification for inspection and testing provides an assurance that the electrical installation work has been fully inspected and tested, and that the electrical work has been carried out in accordance with the requirements of *BS 7671: 2018+A2:2022* (except for any departures sanctioned by the designer and appended to the certificate).

Where responsibility for the design, the construction and the inspection and testing of the electrical work is divided between the contractor and one or more other bodies, the division of responsibility should have been established and agreed before commencement of the work. In such a case, NICEIC considers that the absence of certification for the construction, or the inspection and testing elements of the work would render the certificate invalid. If the design section of the certificate has not been completed, NICEIC recommends that you question why those responsible for the design have not certified that this important element of the work is in accordance with *BS 7671: 2018+A2:2022*.

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 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.

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems) in accordance with British Standards *BS 5839* and *BS 5266* respectively, this electrical safety certificate should be accompanied by a separate certificate or certificates as prescribed by those standards.

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 work for which the Contractor has accepted responsibility (as indicated by the signatures on this certificate) does not comply with *BS 7671: 2018+A2:2022*, the client 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.

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).*

This certificate is not valid if the serial number has been defaced or altered **28514225** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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 No: 040815000 Branch No*: 000

Trading Title: Spark Solutions Ltd

Address: 10-12 North Street, Paisley

Postcode: PA3 2BS Tel No: 01418428072

DETAILS OF THE CLIENT

Contractor Reference Number (CRN): N/A

Name: PVP Developments Ltd

Address: Pvp Developments Ltd, 1/1, 15 North Claremont Street, Glasgow

Postcode: G3 7NR Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: PVP Developments Ltd

Unique Property Reference Number (UPRN): N/A

Address: Laundry DB Ground Floor, Student Accomodation, 37 Gilbert Street, Glasgow,

Postcode: G3 8QN Tel No: N/A

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

Date works completed: 07/12/2023 **The installation is** New: (✔) An addition: (N/A) An alteration: (N/A) Replacement of a distribution board: (N/A)

Description and extent of the installation covered by this certificate: Power and lighting circuits

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

PART 3 : COMMENTS ON THE EXISTING INSTALLATION (in the case of an addition or alteration see Regulation 644.1.2)

N/A

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

PART 4A : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (use where the design, construction, inspection & testing have been the responsibility of one person)

DESIGN, CONSTRUCTION, INSPECTION & TESTING (the extent of liability of the signatory is limited to the work detailed in PART 2)

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, 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+A2:2022* except for the departures, if any (Regulations 120.3, 133.1.3 and 133.5), detailed as follows:

N/A

where required, continued on attached separate page(s) (N/A)

- Permitted exception applied (411.3.3): Yes/NA (N/A) Risk assessment attached: (N/A) Page No(s) (N/A)

I, being the designer of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 07/12/2033 (date)

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

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature: Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR

Name (capitals): DREW STOBO Signature: Date: 07/12/2023

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'

This certificate is not valid if the serial number has been defaced or altered **28514225** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 4B : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (to be completed where different parties are responsible for the design, construction, inspection & testing)

DESIGN (The extent of liability of the signatories is limited to the work detailed in PART 2)

I/We being the person(s) responsible for the design of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the design, hereby CERTIFY that the design work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3, 133.1.3 and 133.5).

- Permitted exception applied (411.3.3): ~~Xx~~/NA Risk assessment attached: (N/A) Page No(s) (N/A)

DESIGNER 1 Name (capitals): N/A Signature: N/A Date: N/A

DESIGNER 2 (where there is divided responsibility for design) Name (capitals): N/A Signature: N/A Date: N/A

I/we, being the designer(s) of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 31/08/2033 (date) (*Where applicable)

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.

Organisation (Designer 1): KJ TAIT Registration No*: 321456 Organisation (Designer 2): N/A Registration No*: N/A

Address: 15 Woodside Terrace Glasgow Address: N/A

Postcode: G3 7XH Tel No: 01413329676 Postcode: N/A Tel No: N/A

CONSTRUCTION (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the construction of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the construction, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: N/A Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

INSPECTION & TESTING (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the 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 inspection and testing, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR (for the Contractor detailed in PART 1)

Name (capitals): DREW STOBO Signature:  Date: 07/12/2023

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems), this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s).

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

CERTIFICATION SCOTLAND

spark SOLUTIONS

This certificate is not valid if the serial number has been defaced or altered **28514225**

EIC18.2s

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 5 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements

TN-C: (N/A) TN-S: (✔) TN-C-S: (N/A)

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

Supply protective device

BS EN: (60898) Type: (B) Rated current: (63) A

Number and type of live conductors

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

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

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]: (N/A) V

Nominal line voltage to Earth, U_0 [1]: (230) V

Nominal frequency, f [1]: (50) Hz

Prospective fault current, I_{pf} [2]*: (2) kA

Earth fault loop impedance, Z_e [2]*: (0.1) Ω

[1] By enquiry

[2] By enquiry or by measurement

PART 6 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS CERTIFICATE

Maximum demand (load): (50) ~~kVA~~ A

(delete as appropriate)

Means of Earthing

Distributor's facility: (✔)

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

Earth electrode type – rod(s), tape, etc: (None)

Location: (N/A)

Electrode resistance to Earth: (N/A) Ω

Main protective conductors

Earthing conductor:

(material Copper)

csa (25) mm² Connection/continuity verified: (✔)

Main protective bonding conductors:

(material N/A)

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

Main protective bonding connections

Water installation pipes: (N/A)

Gas installation pipes: (N/A)

Structural steel: (N/A)

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: (Consumer unit)

BS EN: (60947-3) Type: (3) Rating / setting of device: (100) A

No. of poles: (2) Current rating: (100) A Voltage rating: (230) V

Where an RCD is used as the main switch

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

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

PART 7 : SCHEDULE OF ITEMS INSPECTED (enter ✓or N/A, as applicable)

		Outcome
1.	Condition of consumer's intake equipment (visual inspection only)	(✔)
2.	Parallel or switched alternative sources of supply	(N/A)
3.	Protective measure: Automatic disconnection of supply (ADS)	(✔)
4.	Basic protection	(✔)
5.	Protective measures other than ADS	(N/A)
6.	Additional protection	(✔)
7.	Distribution equipment	(✔)
8.	Circuits (distribution and final)	(✔)
9.	Isolation and switching	(✔)
10.	Current-using equipment (permanently connected)	(✔)
11.	Identification and notices	(✔)
12.	Location(s) containing a bath or shower	(✔)
13.	Other special installations or locations	(N/A)
14.	Prosumer's low voltage installation(s)	(N/A)

Schedule of Items Inspected by

Name (capitals): DREW STOBO

Signature: A Stobo Date: 07/12/2023

PART 8 : SCHEDULES AND ADDITIONAL PAGES (the pages identified are an essential part of this report (see Regulation 653.2))

Schedule of Circuit Details and Schedule of Test Results for the installation (PARTS 9A & 9B)

Page No(s): (4 & 5)

Additional pages, including data sheets for additional sources

Page No(s): (None)

Special installations or locations (indicated in item 13 of PART 7)

Page No(s): (None)

Schedules relating to Prosumer's installations (indicated in item 14 of PART 7)

Page No(s): (None)

Continuation sheets

Page No(s): (None)

**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.*

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

This certificate is not valid if the serial number has been defaced or altered **28514225** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part 9B '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 9B)	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 1	F	B	1	4	4	0.4	62606	C	20	6	1.08	61009	A	20	30
2	Socket 2	F	B	2	4	4	0.4	62606	C	20	6	2.19	61009	A	20	30
3	Supply 1	F	B	1	4	4	0.4	60898	C	25	6	0.87	61009	A		
4	Supply 2	F	B	1	4	4	5	60898	C	25	6	0.87	61009	A		
5	Supply 3	F	B	1	4	4	5	60898	C	25	6	0.87	61009	A		
6	Supply 4	F	B	1	4	4	5	60898	C	25	6	0.87	61009	A		

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

DB designation: Ground 1

Location of DB: Common hall cupboard

Z_{db}: N/A (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 9B), (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: (.....) 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 certificate 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

This certificate is not valid if the serial number has been defaced or altered **28514225** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part 9A)

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	N/A	N/A	N/A	0.10	N/A	999	999	500	✔	0.20	30.6	✔	✔	
2	N/A	N/A	N/A	0.12	N/A	999	999	500	✔	0.22	27.9	✔	✔	
3	N/A	N/A	N/A	0.16	N/A	999	999	500	✔	0.26			N/A	
4	N/A	N/A	N/A	0.16	N/A	999	999	500	✔	0.26			N/A	
5	N/A	N/A	N/A	0.17	N/A	999	999	500	✔	0.27			N/A	
6	N/A	N/A	N/A	0.17	N/A	999	999	500	✔	0.27			N/A	

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

TESTED BY Name (capitals): DREW STOBO Position: QS Signature: Date: 07/12/2023

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

* 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

NOTES FOR RECIPIENT

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

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected and tested in accordance with the national standard for the safety of electrical installations, *BS 7671: 2018+A2:2022* - Requirements for Electrical Installations.

You should have received the certificate marked 'Original' and the contractor should retain a duplicate. 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, immediately to the owner or user of the installation.

The 'Original' certificate 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 certificate will demonstrate to the new user that the electrical installation works complied with the requirements of *BS 7671: 201+A2:2022* 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.

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 4A or 4B. With the exception of domestic (household) premises, there should be a notice at or near the main switchboard or distribution board indicating the date when the next inspection is due.

Only an NICEIC* contractor responsible for the construction of the electrical installation is authorised to issue this NICEIC Electrical Installation Certificate, which has a unique serial number that is traceable to the contractor to which it was supplied by NICEIC.

This certificate is intended to be issued only for a new electrical installation or for new work associated with an addition or alteration to an existing installation, or for the replacement of a distribution board (or consumer unit). It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such a periodic inspection.

The certificate consists of at least five numbered pages. The certificate is only valid if the Schedule of Items Inspected (PART 7) has been completed to confirm that all relevant inspections have been carried out and the Schedule of Circuit Details (PART 9A) and the Schedule of Test Results (PART 9B) are attached. For installations having more than one distribution board (or consumer unit) or more circuits than can be recorded in PARTS 9A & 9B, one or more additional Schedule of Circuit Details and Schedule of Test Results, should form part of the certificate. Additional numbered pages may have been provided to permit further relevant information relating to the installation to be recorded. The Certificate is invalid if any of the additional pages, listed in PART 8 are missing.

This certificate should not have been issued for electrical work in a potentially explosive atmosphere (hazardous area) unless the contractor holds an appropriate extension to their NICEIC registration for such work.

Page 1 and 2 of this certificate provide details of the electrical installation, together with the name(s), signature(s) of the person(s) certifying the three elements of installation work (design, construction and inspection and testing) and the organisation(s) responsible for the work certified by their representative(s).

Certification for inspection and testing provides an assurance that the electrical installation work has been fully inspected and tested, and that the electrical work has been carried out in accordance with the requirements of *BS 7671: 2018+A2:2022* (except for any departures sanctioned by the designer and appended to the certificate).

Where responsibility for the design, the construction and the inspection and testing of the electrical work is divided between the contractor and one or more other bodies, the division of responsibility should have been established and agreed before commencement of the work. In such a case, NICEIC considers that the absence of certification for the construction, or the inspection and testing elements of the work would render the certificate invalid. If the design section of the certificate has not been completed, NICEIC recommends that you question why those responsible for the design have not certified that this important element of the work is in accordance with *BS 7671: 2018+A2:2022*.

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 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.

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems) in accordance with British Standards *BS 5839* and *BS 5266* respectively, this electrical safety certificate should be accompanied by a separate certificate or certificates as prescribed by those standards.

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 work for which the Contractor has accepted responsibility (as indicated by the signatures on this certificate) does not comply with *BS 7671: 2018+A2:2022*, the client 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.

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).*

This certificate is not valid if the serial number has been defaced or altered **28514869** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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°: 040815000 Branch N°*: 000

Trading Title: Spark Solutions Ltd

Address: 10-12 North Street, Paisley

Postcode: PA3 2BS Tel No: 01418428072

DETAILS OF THE CLIENT

Contractor Reference Number (CRN): N/A

Name: PVP Developments Ltd

Address: Pvp Developments Ltd, 1/1, 15 North Claremont Street, Glasgow

Postcode: G3 7NR Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: PVP Developments Ltd

Unique Property Reference Number (UPRN): N/A

Address: Grround Floor Lighting and Power, Student Accomodation, 37 Gilbert Street, Glasgow,

Postcode: G3 8QN Tel No: N/A

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

Date works completed: 07/12/2023 **The installation is** New: (✔) An addition: (N/A) An alteration: (N/A) Replacement of a distribution board: (N/A)

Description and extent of the installation covered by this certificate: Power and lighting circuits

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

PART 3 : COMMENTS ON THE EXISTING INSTALLATION (in the case of an addition or alteration see Regulation 644.1.2)

N/A

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

PART 4A : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (use where the design, construction, inspection & testing have been the responsibility of one person)

DESIGN, CONSTRUCTION, INSPECTION & TESTING (the extent of liability of the signatory is limited to the work detailed in PART 2)

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, 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+A2:2022* except for the departures, if any (Regulations 120.3, 133.1.3 and 133.5), detailed as follows:

N/A

where required, continued on attached separate page(s) (N/A)

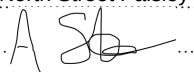
- Permitted exception applied (411.3.3): Yes/NA (N/A) Risk assessment attached: (N/A) Page No(s) (N/A)

I, being the designer of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 31/08/2033 (date)

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

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR

Name (capitals): DREW STOBO Signature:  Date: 07/12/2023

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'

This certificate is not valid if the serial number has been defaced or altered **28514869** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 4B : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (to be completed where different parties are responsible for the design, construction, inspection & testing)

DESIGN (The extent of liability of the signatories is limited to the work detailed in PART 2)

I/We being the person(s) responsible for the design of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the design, hereby CERTIFY that the design work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3, 133.1.3 and 133.5).

- Permitted exception applied (411.3.3): ~~Yes~~/NA Risk assessment attached: (N/A) Page No(s) (N/A)

DESIGNER 1 Name (capitals): N/A Signature: N/A Date: N/A

DESIGNER 2 (where there is divided responsibility for design) Name (capitals): N/A Signature: N/A Date: N/A

I/we, being the designer(s) of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 31/08/2033 (date) (*Where applicable)

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.

Organisation (Designer 1): KJ TAIT Registration No*: 321456 Organisation (Designer 2): N/A Registration No*: N/A

Address: 15 Woodside Terrace Glasgow Address: N/A

Postcode: G3 7XH Tel No: 01413329676 Postcode: N/A Tel No: N/A

CONSTRUCTION (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the construction of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the construction, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: N/A Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

INSPECTION & TESTING (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the 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 inspection and testing, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR (for the Contractor detailed in PART 1)

Name (capitals): DREW STOBO Signature:  Date: 07/12/2023

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems), this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s).

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

This certificate is not valid if the serial number has been defaced or altered **28514869** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 5 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements

TN-C: (N/A) TN-S: (✔) TN-C-S: (N/A)

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

Supply protective device

BS EN: (60898) Type: (B) Rated current: (160) 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) kA

Earth fault loop impedance, Z_e [2]*: (0.1) Ω

[1] By enquiry

[2] By enquiry or by measurement

PART 6 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS CERTIFICATE

Maximum demand (load): (100) ~~kVA~~ A

(*delete as appropriate*)

Means of Earthing

Distributor's facility: (✔)

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

Earth electrode type – rod(s), tape, etc: (None)

Location: (N/A)

Electrode resistance to Earth: (N/A) Ω

Main protective conductors

Earthing conductor:

(material Copper)

csa (70) mm² Connection/continuity verified: (✔)

Main protective bonding conductors:

(material N/A)

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

Main protective bonding connections

Water installation pipes: (N/A)

Gas installation pipes: (N/A)

Structural steel: (N/A)

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: (Consumer unit)

BS EN: (60947-3) Type: (3) Rating / setting of device: (100) A

No. of poles: (2) Current rating: (160) A Voltage rating: (230) V

Where an RCD is used as the main switch

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

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

PART 7 : SCHEDULE OF ITEMS INSPECTED (enter ✓or N/A, as applicable)

		Outcome
1.	Condition of consumer's intake equipment (visual inspection only)	(✔)
2.	Parallel or switched alternative sources of supply	(N/A)
3.	Protective measure: Automatic disconnection of supply (ADS)	(✔)
4.	Basic protection	(✔)
5.	Protective measures other than ADS	(N/A)
6.	Additional protection	(✔)
7.	Distribution equipment	(✔)
8.	Circuits (distribution and final)	(✔)
9.	Isolation and switching	(✔)
10.	Current-using equipment (permanently connected)	(✔)
11.	Identification and notices	(✔)
12.	Location(s) containing a bath or shower	(✔)
13.	Other special installations or locations	(N/A)
14.	Prosumer's low voltage installation(s)	(N/A)

Schedule of Items Inspected by

Name (capitals): DREW STOBO

Signature: A Stobo Date: 07/12/2023

PART 8 : SCHEDULES AND ADDITIONAL PAGES (the pages identified are an essential part of this report (see Regulation 653.2))

Schedule of Circuit Details and Schedule of Test Results for the installation (PARTS 9A & 9B)

Page No(s): (4 & 5)

Additional pages, including data sheets for additional sources

Page No(s): (None)

Special installations or locations (indicated in item 13 of PART 7)

Page No(s): (None)

Schedules relating to Prosumer's installations (indicated in item 14 of PART 7)

Page No(s): (None)

Continuation sheets

Page No(s): (None)

**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.*

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

This certificate is not valid if the serial number has been defaced or altered **28514869** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part 9B '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 9B)	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	Spurs	A	C	3	2.5	1.5	5	60898	C	16	6	1.37				
2	Spurs	A	C	2	2.5	1.5	5	60898	C	16	6	1.37				
3	Lights entrance	A	C	8	1.5	1	5	60898	C	10	6	2.19				
4	Lights staff and reception	A	C	10	1.5	1	5	60898	C	10	6	2.19				
5	Emergency lights	A	C	8	1.5	1	5	60898	C	10	6	2.19				
6	Kitchen heater	A	C	1	2.5	1.5	5	60898	C	20	6	1.09				
7	Air Con units	A	C	3	2.5	1.5	5	60898	C	20		1.09				
8	Auto doors	A	C	2	2.5	1.5	5	60898	C	20		1.09				
9	Sockets Kitchen	A	C	4	2.5	1.5	0.4	62606	C	32	6	0.68	62606	A	32	30
10	Sockets Media Wall	A	C	10	2.5	1.5	0.4	62606	C	32	6	0.68	62606	A	32	30
11	Sockets Reception	A	C	8	2.5	1.5	0.4	62606	C	32	6	0.68	62606	A	32	30
12	Corridor heates	A	C	2	2.5	1.5	5	60898	C	20	6	1.09				
13	Corridor heates	A	C	3	2.5	1.5	5	60898	C	20	6	1.09				
14	Sockets corridor	A	C	4	2.5	1.5	0.4	62606	B	32	6	0.68	62606	A	32	30
15	Emergency lights corridor	A	C	12	1.5	1	5	60898	C	10	6	2.19				
16	Emergency lights corridor	A	C	9	1.5	1	5	60898	C	10	6	2.19				
17	Lights corridor	A	C	16	1.5	1	5	60898	C	10	6	2.19				
18	Lights corridor	A	C	16	1.5	1	5	60898	C	10	6	2.19				

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

DB designation: Ground

Location of DB: Common hall cupboard

Z_{db}: N/A (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 9B), (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: (.....) 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

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

This certificate is not valid if the serial number has been defaced or altered **28514869** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part 9A)

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				0.41		999	999	500	✔	0.51				
2				0.41		999	999	500	✔	0.51				
3				1.21		999	999	500	✔	1.31				
4				1.02		999	999	500	✔	1.12				
5				0.78		999	999	500	✔	0.88				
6				0.46		999	999	500	✔	0.56				
7				0.53		999	999	500	✔	0.63				
8				0.68		999	999	500	✔	0.78				
9	0.54	0.54	0.68	0.56		999	999	500	✔	0.66	28.1	✔	✔	
10	0.46	0.46	0.59	0.49		999	999	500	✔	0.59	29.7	✔	✔	
11	0.41	0.41	0.54	0.44		999	999	500	✔	0.54	32.4	✔	✔	
12				0.28		999	999	500	✔	0.38				
13				0.55		999	999	500	✔	0.65				
14	0.44	0.44	0.58	0.47		999	999	500	✔	0.57	31	✔	✔	
15				1.14		999	999	500	✔	1.24				
16				1.27		999	999	500	✔	1.37				
17				1.07		999	999	500	✔	1.17				
18				1.36		999	999	500	✔	1.46				

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

TESTED BY Name (capitals): DREW STOBO Position: QS Signature: Date: 07/12/2023

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

* 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 CERTIFICATION SCOTLAND

spark SOLUTIONS

This certificate is not valid if the serial number has been defaced or altered **28514869** **ISS18.2c**

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	Fans	A	C	3	2.5	1.5	5	60898	B	10	6	4.37				
20	Heater front door	F	C	1	4	4	5	60898	C	20	10	1.09				
21	Heater front door	F	C	1	4	4	5	60898	C	20	10	1.09				
22	Heater front door	F	C	1	4	4	5	60898	C	20	10	1.09				

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

DB designation: Ground

Location of DB: Common hall cupboard

Z_{db}: N/A (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: N/A

Overcurrent protective device for the distribution circuit

BS (EN): (N/A) Type: (.....) 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 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

CERTIFICATION SCOTLAND

spark SOLUTIONS

This certificate is not valid if the serial number has been defaced or altered **28514869** **ISS18.2c**

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				1.59		999	999	500	✔	1.69				
20				1.30		999	999	500	✔	1.40				
21				1.30		999	999	500	✔	1.40				
22				1.30		999	999	500	✔	1.40				

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

TESTED BY Name (capitals): DREW STOBO Position: QS Signature: Date: 07/12/2023

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

* 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

NOTES FOR RECIPIENT

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

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected and tested in accordance with the national standard for the safety of electrical installations, *BS 7671: 2018+A2:2022* - Requirements for Electrical Installations.

You should have received the certificate marked 'Original' and the contractor should retain a duplicate. 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, immediately to the owner or user of the installation.

The 'Original' certificate 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 certificate will demonstrate to the new user that the electrical installation works complied with the requirements of *BS 7671: 201+A2:2022* 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.

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 4A or 4B. With the exception of domestic (household) premises, there should be a notice at or near the main switchboard or distribution board indicating the date when the next inspection is due.

Only an NICEIC* contractor responsible for the construction of the electrical installation is authorised to issue this NICEIC Electrical Installation Certificate, which has a unique serial number that is traceable to the contractor to which it was supplied by NICEIC.

This certificate is intended to be issued only for a new electrical installation or for new work associated with an addition or alteration to an existing installation, or for the replacement of a distribution board (or consumer unit). It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such a periodic inspection.

The certificate consists of at least five numbered pages. The certificate is only valid if the Schedule of Items Inspected (PART 7) has been completed to confirm that all relevant inspections have been carried out and the Schedule of Circuit Details (PART 9A) and the Schedule of Test Results (PART 9B) are attached. For installations having more than one distribution board (or consumer unit) or more circuits than can be recorded in PARTS 9A & 9B, one or more additional Schedule of Circuit Details and Schedule of Test Results, should form part of the certificate. Additional numbered pages may have been provided to permit further relevant information relating to the installation to be recorded. The Certificate is invalid if any of the additional pages, listed in PART 8 are missing.

This certificate should not have been issued for electrical work in a potentially explosive atmosphere (hazardous area) unless the contractor holds an appropriate extension to their NICEIC registration for such work.

Page 1 and 2 of this certificate provide details of the electrical installation, together with the name(s), signature(s) of the person(s) certifying the three elements of installation work (design, construction and inspection and testing) and the organisation(s) responsible for the work certified by their representative(s).

Certification for inspection and testing provides an assurance that the electrical installation work has been fully inspected and tested, and that the electrical work has been carried out in accordance with the requirements of *BS 7671: 2018+A2:2022* (except for any departures sanctioned by the designer and appended to the certificate).

Where responsibility for the design, the construction and the inspection and testing of the electrical work is divided between the contractor and one or more other bodies, the division of responsibility should have been established and agreed before commencement of the work. In such a case, NICEIC considers that the absence of certification for the construction, or the inspection and testing elements of the work would render the certificate invalid. If the design section of the certificate has not been completed, NICEIC recommends that you question why those responsible for the design have not certified that this important element of the work is in accordance with *BS 7671: 2018+A2:2022*.

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 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.

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems) in accordance with British Standards *BS 5839* and *BS 5266* respectively, this electrical safety certificate should be accompanied by a separate certificate or certificates as prescribed by those standards.

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 work for which the Contractor has accepted responsibility (as indicated by the signatures on this certificate) does not comply with *BS 7671: 2018+A2:2022*, the client 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.

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).*

CERTIFICATION SCOTLAND

This certificate is not valid if the serial number has been defaced or altered **28515314** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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°: 040815000 Branch N°*: 000

Trading Title: Spark Solutions Ltd

Address: 10-12 North Street, Paisley

Postcode: PA3 2BS Tel No: 01418428072

DETAILS OF THE CLIENT

Contractor Reference Number (CRN): N/A

Name: PVP Developments Ltd

Address: Pvp Developments Ltd, 1/1, 15 North Claremont Street, Glasgow

Postcode: G3 7NR Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: PVP Developments Ltd

Unique Property Reference Number (UPRN): N/A

Address: 1st Floor Lighting and Power, Student Accomodation, 37 Gilbert Street, Glasgow,

Postcode: G3 8QN Tel No: N/A

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

Date works completed: 07/12/2023 **The installation is** New: (✔) An addition: (N/A) An alteration: (N/A) Replacement of a distribution board: (N/A)

Description and extent of the installation covered by this certificate: 1st floor power and lighting circuits

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

PART 3 : COMMENTS ON THE EXISTING INSTALLATION (in the case of an addition or alteration see Regulation 644.1.2)

N/A

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

PART 4A : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (use where the design, construction, inspection & testing have been the responsibility of one person)

DESIGN, CONSTRUCTION, INSPECTION & TESTING (the extent of liability of the signatory is limited to the work detailed in PART 2)

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, 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+A2:2022* except for the departures, if any (Regulations 120.3, 133.1.3 and 133.5), detailed as follows:

N/A

where required, continued on attached separate page(s) (N/A)

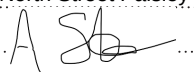
- Permitted exception applied (411.3.3): Yes/NA (N/A) Risk assessment attached: (N/A) Page No(s) (N/A)

I, being the designer of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 31/08/2033 (date)

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

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR

Name (capitals): DREW STOBO Signature:  Date: 07/12/2023

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'

This certificate is not valid if the serial number has been defaced or altered **28515314** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 4B : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (to be completed where different parties are responsible for the design, construction, inspection & testing)

DESIGN (The extent of liability of the signatories is limited to the work detailed in PART 2)

I/We being the person(s) responsible for the design of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the design, hereby CERTIFY that the design work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3, 133.1.3 and 133.5).

- Permitted exception applied (411.3.3): ~~Xx~~/NA Risk assessment attached: (N/A) Page No(s) (N/A)

DESIGNER 1 Name (capitals): N/A Signature: N/A Date: N/A

DESIGNER 2 (where there is divided responsibility for design) Name (capitals): N/A Signature: N/A Date: N/A

I/we, being the designer(s) of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 31/08/2033 (date) (*Where applicable)

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.

Organisation (Designer 1): KJ TAIT Registration No*: 321456 Organisation (Designer 2): N/A Registration No*: N/A

Address: 15 Woodside Terrace Glasgow Address: N/A

Postcode: G3 7XH Tel No: 01413329676 Postcode: N/A Tel No: N/A

CONSTRUCTION (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the construction of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the construction, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

INSPECTION & TESTING (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the 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 inspection and testing, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR (for the Contractor detailed in PART 1)

Name (capitals): DREW STOBO Signature:  Date: 07/12/2023

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems), this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s).

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

This certificate is not valid if the serial number has been defaced or altered **28515314** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 5 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements

TN-C: (N/A) TN-S: (✔) TN-C-S: (N/A)

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

Supply protective device

BS EN: (60898) Type: (B) Rated current: (160) 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) kA

Earth fault loop impedance, Z_e [2]*: (0.1) Ω

[1] By enquiry

[2] By enquiry or by measurement

PART 6 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS CERTIFICATE

Maximum demand (load): (100) ~~kVA~~ A

(*delete as appropriate*)

Means of Earthing

Distributor's facility: (✔)

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

Earth electrode type – rod(s), tape, etc: (None)

Location: (N/A)

Electrode resistance to Earth: (N/A) Ω

Main protective conductors

Earthing conductor:

(material Copper)

csa (70) mm² Connection/continuity verified: (✔)

Main protective bonding conductors:

(material N/A)

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

Main protective bonding connections

Water installation pipes: (N/A)

Gas installation pipes: (N/A)

Structural steel: (N/A)

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: (Consumer unit)

BS EN: (60947-3) Type: (3) Rating / setting of device: (100) A

No. of poles: (2) Current rating: (160) A Voltage rating: (230) V

Where an RCD is used as the main switch

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

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

PART 7 : SCHEDULE OF ITEMS INSPECTED (enter ✓or N/A, as applicable)

		Outcome
1.	Condition of consumer's intake equipment (visual inspection only)	(✔)
2.	Parallel or switched alternative sources of supply	(N/A)
3.	Protective measure: Automatic disconnection of supply (ADS)	(✔)
4.	Basic protection	(✔)
5.	Protective measures other than ADS	(N/A)
6.	Additional protection	(✔)
7.	Distribution equipment	(✔)
8.	Circuits (distribution and final)	(✔)
9.	Isolation and switching	(✔)
10.	Current-using equipment (permanently connected)	(✔)
11.	Identification and notices	(✔)
12.	Location(s) containing a bath or shower	(✔)
13.	Other special installations or locations	(N/A)
14.	Prosumer's low voltage installation(s)	(N/A)

Schedule of Items Inspected by

Name (capitals): DREW STOBO

Signature: A Stobo Date: 07/12/2023

PART 8 : SCHEDULES AND ADDITIONAL PAGES (the pages identified are an essential part of this report (see Regulation 653.2))

Schedule of Circuit Details and Schedule of Test Results for the installation (PARTS 9A & 9B)

Page No(s): (4 & 5)

Additional pages, including data sheets for additional sources

Page No(s): (None)

Special installations or locations (indicated in item 13 of PART 7)

Page No(s): (None)

Schedules relating to Prosumer's installations (indicated in item 14 of PART 7)

Page No(s): (None)

Continuation sheets

Page No(s): (None)

**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.*

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

This certificate is not valid if the serial number has been defaced or altered **28515314** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part 9B '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 9B)	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	Surge Protection															
2	Surge Protection															
3	Surge Protection															
4	Surge Protection															
5																
6																
7																
8																
9																
10	Lights corridor	A	C	16	1.5	1	5	60898	C	10	6	2.19				
11	Fans	A	C	3	2.5	1.5	5	60898	B	10	6	4.37				
12	Emergency lights corridor	A	C	9	1.5	1	5	60898	C	10	6	2.19				
13	Lights corridor	A	C	16	1.5	1	5	60898	C	10	6	2.19				
14	Emergency lights corridor	A	C	12	1.5	1	5	60898	C	10	6	2.19				
15	Corridor heates	A	C	2	2.5	1.5	5	60898	C	16	6	1.37				
16	Pillow	A	C	1	2.5	1.5	5	60898	C	16	6	1.37				
17	Corridor heates	A	C	3	2.5	1.5	5	60898	C	16	6	1.37				
18	Disabled Alarm	A	C	1	2.5	1.5	5	60898	C	16		1.37				

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

DB designation: First Floor Lighting and Power

Location of DB: Common hall cupboard

Z_{db}: N/A (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 9B), (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: (.....) 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 certificate 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

CERTIFICATION SCOTLAND

spark SOLUTIONS

This certificate is not valid if the serial number has been defaced or altered **28515314**

EIC18.2s

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part 9A)

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														
3														
4														
5														
6														
7														
8														
9														
10				1.07		999	999	500	✔	1.17				
11				1.59		999	999	500	✔	1.69				
12				1.27		999	999	500	✔	1.37				
13				1.36		999	999	500	✔	1.46				
14				1.14		999	999	500	✔	1.24				
15				0.28		999	999	500	✔	0.38				
16				0.46		999	999	500	✔	0.56				
17				0.55		999	999	500	✔	0.65				
18				0.68		999	999	500	✔	0.78				

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

TESTED BY Name (capitals): DREW STOBO Position: QS Signature: [signature] Date: 07/12/2023

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

* 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 CERTIFICATION SCOTLAND

spark SOLUTIONS

This certificate is not valid if the serial number has been defaced or altered **28515314** **ISS18.2c**

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	Sockets corridor	A	C	4	2.5	1.5	0.4	62606	B	20	6	0.68	62606	A	32	30
20																
21																
22																

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

DB designation: First Floor Lighting and Power

Location of DB: Common hall cupboard

Z_{db}: N/A (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: N/A

Overcurrent protective device for the distribution circuit

BS (EN): (N/A) Type: (.....) 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 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

CERTIFICATION SCOTLAND

spark SOLUTIONS

This certificate is not valid if the serial number has been defaced or altered **28515314** **ISS18.2c**

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	0.44	0.44	0.58	0.47		999	999	500	✔	0.57	31	✔	✔	
20														
21														
22														

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

TESTED BY Name (capitals): DREW STOBO Position: QS Signature: [signature] Date: 07/12/2023

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

* 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

NOTES FOR RECIPIENT

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

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected and tested in accordance with the national standard for the safety of electrical installations, *BS 7671: 2018+A2:2022* - Requirements for Electrical Installations.

You should have received the certificate marked 'Original' and the contractor should retain a duplicate. 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, immediately to the owner or user of the installation.

The 'Original' certificate 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 certificate will demonstrate to the new user that the electrical installation works complied with the requirements of *BS 7671: 201+A2:2022* 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.

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 4A or 4B. With the exception of domestic (household) premises, there should be a notice at or near the main switchboard or distribution board indicating the date when the next inspection is due.

Only an NICEIC* contractor responsible for the construction of the electrical installation is authorised to issue this NICEIC Electrical Installation Certificate, which has a unique serial number that is traceable to the contractor to which it was supplied by NICEIC.

This certificate is intended to be issued only for a new electrical installation or for new work associated with an addition or alteration to an existing installation, or for the replacement of a distribution board (or consumer unit). It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such a periodic inspection.

The certificate consists of at least five numbered pages. The certificate is only valid if the Schedule of Items Inspected (PART 7) has been completed to confirm that all relevant inspections have been carried out and the Schedule of Circuit Details (PART 9A) and the Schedule of Test Results (PART 9B) are attached. For installations having more than one distribution board (or consumer unit) or more circuits than can be recorded in PARTS 9A & 9B, one or more additional Schedule of Circuit Details and Schedule of Test Results, should form part of the certificate. Additional numbered pages may have been provided to permit further relevant information relating to the installation to be recorded. The Certificate is invalid if any of the additional pages, listed in PART 8 are missing.

This certificate should not have been issued for electrical work in a potentially explosive atmosphere (hazardous area) unless the contractor holds an appropriate extension to their NICEIC registration for such work.

Page 1 and 2 of this certificate provide details of the electrical installation, together with the name(s), signature(s) of the person(s) certifying the three elements of installation work (design, construction and inspection and testing) and the organisation(s) responsible for the work certified by their representative(s).

Certification for inspection and testing provides an assurance that the electrical installation work has been fully inspected and tested, and that the electrical work has been carried out in accordance with the requirements of *BS 7671: 2018+A2:2022* (except for any departures sanctioned by the designer and appended to the certificate).

Where responsibility for the design, the construction and the inspection and testing of the electrical work is divided between the contractor and one or more other bodies, the division of responsibility should have been established and agreed before commencement of the work. In such a case, NICEIC considers that the absence of certification for the construction, or the inspection and testing elements of the work would render the certificate invalid. If the design section of the certificate has not been completed, NICEIC recommends that you question why those responsible for the design have not certified that this important element of the work is in accordance with *BS 7671: 2018+A2:2022*.

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 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.

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems) in accordance with British Standards *BS 5839* and *BS 5266* respectively, this electrical safety certificate should be accompanied by a separate certificate or certificates as prescribed by those standards.

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 work for which the Contractor has accepted responsibility (as indicated by the signatures on this certificate) does not comply with *BS 7671: 2018+A2:2022*, the client 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.

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).*

This certificate is not valid if the serial number has been defaced or altered **28515501** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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°: 040815000 Branch N°*: 000

Trading Title: Spark Solutions Ltd

Address: 10-12 North Street, Paisley

Postcode: PA3 2BS Tel No: 01418428072

DETAILS OF THE CLIENT

Contractor Reference Number (CRN): N/A

Name: PVP Developments Ltd

Address: Pvp Developments Ltd, 1/1, 15 North Claremont Street, Glasgow

Postcode: G3 7NR Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: PVP Developments Ltd

Unique Property Reference Number (UPRN): N/A

Address: 2nd Floor Lighting and Power, Student Accomodation, 37 Gilbert Street, Glasgow,

Postcode: G3 8QN Tel No: N/A

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

Date works completed: 07/12/2023 **The installation is** New: (✔) An addition: (N/A) An alteration: (N/A) Replacement of a distribution board: (N/A)

Description and extent of the installation covered by this certificate: 1st floor power and lighting circuits

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

PART 3 : COMMENTS ON THE EXISTING INSTALLATION (in the case of an addition or alteration see Regulation 644.1.2)

N/A

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

PART 4A : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (use where the design, construction, inspection & testing have been the responsibility of one person)

DESIGN, CONSTRUCTION, INSPECTION & TESTING (the extent of liability of the signatory is limited to the work detailed in PART 2)

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, 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+A2:2022* except for the departures, if any (Regulations 120.3, 133.1.3 and 133.5), detailed as follows:

N/A

where required, continued on attached separate page(s) (N/A)

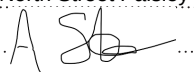
- Permitted exception applied (411.3.3): Yes/NA (N/A) Risk assessment attached: (N/A) Page No(s) (N/A)

I, being the designer of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 31/08/2033 (date)

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

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR

Name (capitals): DREW STOBO Signature:  Date: 07/12/2023

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'

This certificate is not valid if the serial number has been defaced or altered **28515501** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 4B : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (to be completed where different parties are responsible for the design, construction, inspection & testing)

DESIGN (The extent of liability of the signatories is limited to the work detailed in PART 2)

I/We being the person(s) responsible for the design of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the design, hereby CERTIFY that the design work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3, 133.1.3 and 133.5).

- Permitted exception applied (411.3.3): ~~Xx~~/NA Risk assessment attached: (N/A) Page No(s) (N/A)

DESIGNER 1 Name (capitals): N/A Signature: N/A Date: N/A

DESIGNER 2 (where there is divided responsibility for design) Name (capitals): N/A Signature: N/A Date: N/A

I/we, being the designer(s) of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 31/08/2033 (date) (*Where applicable)

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.

Organisation (Designer 1): KJ TAIT Registration No*: 321456 Organisation (Designer 2): N/A Registration No*: N/A

Address: 15 Woodside Terrace Glasgow Address: N/A

Postcode: G3 7XH Tel No: 01413329676 Postcode: N/A Tel No: N/A

CONSTRUCTION (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the construction of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the construction, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

INSPECTION & TESTING (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the 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 inspection and testing, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 07/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR (for the Contractor detailed in PART 1)

Name (capitals): DREW STOBO Signature:  Date: 07/12/2023

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems), this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s).

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

This certificate is not valid if the serial number has been defaced or altered **28515501** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 5 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements

TN-C: (N/A) TN-S: (✔) TN-C-S: (N/A)

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

Supply protective device

BS EN: (60898) Type: (B) Rated current: (160) 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) kA

Earth fault loop impedance, Z_e [2]*: (0.1) Ω

[1] By enquiry

[2] By enquiry or by measurement

PART 6 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS CERTIFICATE

Maximum demand (load): (100) ~~kVA~~ A

(*delete as appropriate*)

Means of Earthing

Distributor's facility: (✔)

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

Earth electrode type – rod(s), tape, etc: (None)

Location: (N/A)

Electrode resistance to Earth: (N/A) Ω

Main protective conductors

Earthing conductor:

(material Copper)

csa (70) mm² Connection/continuity verified: (✔)

Main protective bonding conductors:

(material N/A)

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

Main protective bonding connections

Water installation pipes: (N/A)

Gas installation pipes: (N/A)

Structural steel: (N/A)

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: (Consumer unit)

BS EN: (60947-3) Type: (3) Rating / setting of device: (100) A

No. of poles: (2) Current rating: (160) A Voltage rating: (230) V

Where an RCD is used as the main switch

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

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

PART 7 : SCHEDULE OF ITEMS INSPECTED (enter ✓or N/A, as applicable)

		Outcome
1.	Condition of consumer's intake equipment (visual inspection only)	(✔)
2.	Parallel or switched alternative sources of supply	(N/A)
3.	Protective measure: Automatic disconnection of supply (ADS)	(✔)
4.	Basic protection	(✔)
5.	Protective measures other than ADS	(N/A)
6.	Additional protection	(✔)
7.	Distribution equipment	(✔)
8.	Circuits (distribution and final)	(✔)
9.	Isolation and switching	(✔)
10.	Current-using equipment (permanently connected)	(✔)
11.	Identification and notices	(✔)
12.	Location(s) containing a bath or shower	(✔)
13.	Other special installations or locations	(N/A)
14.	Prosumer's low voltage installation(s)	(N/A)

Schedule of Items Inspected by

Name (capitals): DREW STOBO

Signature: A Stobo Date: 07/12/2023

PART 8 : SCHEDULES AND ADDITIONAL PAGES (the pages identified are an essential part of this report (see Regulation 653.2))

Schedule of Circuit Details and Schedule of Test Results for the installation (PARTS 9A & 9B)

Page No(s): (4 & 5)

Additional pages, including data sheets for additional sources

Page No(s): (None)

Special installations or locations (indicated in item 13 of PART 7)

Page No(s): (None)

Schedules relating to Prosumer's installations (indicated in item 14 of PART 7)

Page No(s): (None)

Continuation sheets

Page No(s): (None)

**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.*

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

This certificate is not valid if the serial number has been defaced or altered **28515501** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part 9B '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 9B)	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	Surge Protection															
2	Surge Protection															
3	Surge Protection															
4	Surge Protection															
5																
6																
7																
8																
9																
10	Lights corridor	A	C	16	1.5	1	5	60898	C	10	6	2.19				
11	Emergency lights corridor	A	C	9	1.5	1	5	60898	C	10	6	2.19				
12	Lights corridor	A	C	16	1.5	1	5	60898	C	10	6	2.19				
13	Emergency lights corridor	A	C	12	1.5	1	5	60898	C	10	6	2.19				
14	Fans	A	C	3	2.5	1.5	5	60898	B	10	6	4.37				
15	Corridor heates	A	C	2	2.5	1.5	5	60898	C	16	6	1.37				
16	Corridor heates	A	C	3	2.5	1.5	5	60898	C	16	6	1.37				
17	Pillow	A	C	1	2.5	1.5	5	60898	C	16	6	1.37				
18	Disabled Alarm	A	C	1	2.5	1.5	5	60898	C	16		1.37				

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

DB designation: First Floor Lighting and Power

Location of DB: Common hall cupboard

Z_{db}: N/A (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 9B), (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: (.....) 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 certificate 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

This certificate is not valid if the serial number has been defaced or altered **28515501** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part 9A)

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														
3														
4														
5														
6														
7														
8														
9														
10				1.82		999	999	500	✔	1.92				
11				1.39		999	999	500	✔	1.49				
12				1.45		999	999	500	✔	1.55				
13				1.06		999	999	500	✔	1.16				
14				0.45		999	999	500	✔	0.55				
15				0.81		999	999	500	✔	0.91				
16				0.45		999	999	500	✔	0.55				
17				0.09		999	999	500	✔	0.19				
18				0.09		999	999	500	✔	0.19				

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

TESTED BY Name (capitals): DREW STOBO Position: QS Signature: Date: 07/12/2023

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

* 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

This certificate is not valid if the serial number has been defaced or altered **28515501** **ISS18.2c**

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	Sockets corridor	A	C	4	2.5	1.5	0.4	62606	B	20	6	0.68	62606	A	32	30
20																
21																
22																

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

DB designation: First Floor Lighting and Power

Location of DB: Common hall cupboard

Z_{db}: N/A (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: N/A

Overcurrent protective device for the distribution circuit

BS (EN): (N/A) Type: (.....) 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 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

CERTIFICATION SCOTLAND

spark SOLUTIONS

This certificate is not valid if the serial number has been defaced or altered **28515501** **ISS18.2c**

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	0.44	0.44	0.58	0.49		999	999	500	✔	0.59	31.2	✔	✔	
20														
21														
22														

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

TESTED BY Name (capitals): DREW STOBO Position: QS Signature: [signature] Date: 07/12/2023

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

* 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

NOTES FOR RECIPIENT

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

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected and tested in accordance with the national standard for the safety of electrical installations, *BS 7671: 2018+A2:2022* - Requirements for Electrical Installations.

You should have received the certificate marked 'Original' and the contractor should retain a duplicate. 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, immediately to the owner or user of the installation.

The 'Original' certificate 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 certificate will demonstrate to the new user that the electrical installation works complied with the requirements of *BS 7671: 201+A2:2022* 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.

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 4A or 4B. With the exception of domestic (household) premises, there should be a notice at or near the main switchboard or distribution board indicating the date when the next inspection is due.

Only an NICEIC* contractor responsible for the construction of the electrical installation is authorised to issue this NICEIC Electrical Installation Certificate, which has a unique serial number that is traceable to the contractor to which it was supplied by NICEIC.

This certificate is intended to be issued only for a new electrical installation or for new work associated with an addition or alteration to an existing installation, or for the replacement of a distribution board (or consumer unit). It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such a periodic inspection.

The certificate consists of at least five numbered pages. The certificate is only valid if the Schedule of Items Inspected (PART 7) has been completed to confirm that all relevant inspections have been carried out and the Schedule of Circuit Details (PART 9A) and the Schedule of Test Results (PART 9B) are attached. For installations having more than one distribution board (or consumer unit) or more circuits than can be recorded in PARTS 9A & 9B, one or more additional Schedule of Circuit Details and Schedule of Test Results, should form part of the certificate. Additional numbered pages may have been provided to permit further relevant information relating to the installation to be recorded. The Certificate is invalid if any of the additional pages, listed in PART 8 are missing.

This certificate should not have been issued for electrical work in a potentially explosive atmosphere (hazardous area) unless the contractor holds an appropriate extension to their NICEIC registration for such work.

Page 1 and 2 of this certificate provide details of the electrical installation, together with the name(s), signature(s) of the person(s) certifying the three elements of installation work (design, construction and inspection and testing) and the organisation(s) responsible for the work certified by their representative(s).

Certification for inspection and testing provides an assurance that the electrical installation work has been fully inspected and tested, and that the electrical work has been carried out in accordance with the requirements of *BS 7671: 2018+A2:2022* (except for any departures sanctioned by the designer and appended to the certificate).

Where responsibility for the design, the construction and the inspection and testing of the electrical work is divided between the contractor and one or more other bodies, the division of responsibility should have been established and agreed before commencement of the work. In such a case, NICEIC considers that the absence of certification for the construction, or the inspection and testing elements of the work would render the certificate invalid. If the design section of the certificate has not been completed, NICEIC recommends that you question why those responsible for the design have not certified that this important element of the work is in accordance with *BS 7671: 2018+A2:2022*.

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 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.

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems) in accordance with British Standards *BS 5839* and *BS 5266* respectively, this electrical safety certificate should be accompanied by a separate certificate or certificates as prescribed by those standards.

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 work for which the Contractor has accepted responsibility (as indicated by the signatures on this certificate) does not comply with *BS 7671: 2018+A2:2022*, the client 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.

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).*

This certificate is not valid if the serial number has been defaced or altered **28542322** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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°: 040815000 Branch N°*: 000

Trading Title: Spark Solutions Ltd

Address: 10-12 North Street, Paisley

Postcode: PA3 2BS Tel No: 01418428072

DETAILS OF THE CLIENT

Contractor Reference Number (CRN): N/A

Name: PVP Developments Ltd

Address: Pvp Developments Ltd, 1/1, 15 North Claremont Street, Glasgow

Postcode: G3 7NR Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: PVP Developments Ltd

Unique Property Reference Number (UPRN): N/A

Address: 3rd Floor Lighting and Power, Student Accomodation, 37 Gilbert Street, Glasgow,

Postcode: G3 8QN Tel No: N/A

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

Date works completed: 07/12/2023 **The installation is** New: (✔) An addition: (N/A) An alteration: (N/A) Replacement of a distribution board: (N/A)

Description and extent of the installation covered by this certificate: 3rd floor power and lighting circuits

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

PART 3 : COMMENTS ON THE EXISTING INSTALLATION (in the case of an addition or alteration see Regulation 644.1.2)

N/A

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

PART 4A : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (use where the design, construction, inspection & testing have been the responsibility of one person)

DESIGN, CONSTRUCTION, INSPECTION & TESTING (the extent of liability of the signatory is limited to the work detailed in PART 2)

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, 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+A2:2022* except for the departures, if any (Regulations 120.3, 133.1.3 and 133.5), detailed as follows:

N/A

where required, continued on attached separate page(s) (N/A)

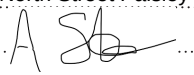
- Permitted exception applied (411.3.3): Yes/NA (N/A) Risk assessment attached: (N/A) Page No(s) (N/A)

I, being the designer of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 31/08/2033 (date)

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

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 12/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR

Name (capitals): DREW STOBO Signature:  Date: 12/12/2023

This certificate 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

Please see the 'Notes for Recipients'

CERTIFICATION SCOTLAND

This certificate is not valid if the serial number has been defaced or altered **28542322** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 4B : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (to be completed where different parties are responsible for the design, construction, inspection & testing)

DESIGN (The extent of liability of the signatories is limited to the work detailed in PART 2)

I/We being the person(s) responsible for the design of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the design, hereby CERTIFY that the design work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3, 133.1.3 and 133.5).

- Permitted exception applied (411.3.3): ~~Xx~~/NA Risk assessment attached: (N/A) Page No(s) (N/A)

DESIGNER 1 Name (capitals): N/A Signature: N/A Date: N/A

DESIGNER 2 (where there is divided responsibility for design) Name (capitals): N/A Signature: N/A Date: N/A

I/we, being the designer(s) of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 31/08/2033 (date) (*Where applicable)

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.

Organisation (Designer 1): KJ TAIT Registration No*: 321456 Organisation (Designer 2): N/A Registration No*: N/A

Address: 15 Woodside Terrace Glasgow Address: N/A

Postcode: G3 7XH Tel No: 01413329676 Postcode: N/A Tel No: N/A

CONSTRUCTION (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the construction of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the construction, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 12/12/2023 Postcode: PA3 2BS Tel No: 01418428072

INSPECTION & TESTING (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the 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 inspection and testing, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 12/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR (for the Contractor detailed in PART 1)

Name (capitals): DREW STOBO Signature:  Date: 12/12/2023

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems), this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s).

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

This certificate is not valid if the serial number has been defaced or altered **28542322** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 5 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements

TN-C: (N/A) TN-S: (✔) TN-C-S: (N/A)

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

Supply protective device

BS EN: (60898) Type: (B) Rated current: (160) 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) kA

Earth fault loop impedance, Z_e [2]*: (0.1) Ω

[1] By enquiry

[2] By enquiry or by measurement

PART 6 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS CERTIFICATE

Maximum demand (load): (100) ~~kVA~~ A

(*delete as appropriate*)

Means of Earthing

Distributor's facility: (✔)

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

Earth electrode type – rod(s), tape, etc: (None)

Location: (N/A)

Electrode resistance to Earth: (N/A) Ω

Main protective conductors

Earthing conductor:

(material Copper)

csa (70) mm² Connection/continuity verified: (✔)

Main protective bonding conductors:

(material N/A)

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

Main protective bonding connections

Water installation pipes: (N/A)

Gas installation pipes: (N/A)

Structural steel: (N/A)

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: (Consumer unit)

BS EN: (60947-3) Type: (3) Rating / setting of device: (100) A

No. of poles: (2) Current rating: (160) A Voltage rating: (230) V

Where an RCD is used as the main switch

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

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

PART 7 : SCHEDULE OF ITEMS INSPECTED (enter ✓or N/A, as applicable)

		Outcome
1.	Condition of consumer's intake equipment (visual inspection only)	(✔)
2.	Parallel or switched alternative sources of supply	(N/A)
3.	Protective measure: Automatic disconnection of supply (ADS)	(✔)
4.	Basic protection	(✔)
5.	Protective measures other than ADS	(N/A)
6.	Additional protection	(✔)
7.	Distribution equipment	(✔)
8.	Circuits (distribution and final)	(✔)
9.	Isolation and switching	(✔)
10.	Current-using equipment (permanently connected)	(✔)
11.	Identification and notices	(✔)
12.	Location(s) containing a bath or shower	(✔)
13.	Other special installations or locations	(N/A)
14.	Prosumer's low voltage installation(s)	(N/A)

Schedule of Items Inspected by

Name (capitals): DREW STOBO

Signature: A Stobo Date: 12/12/2023

PART 8 : SCHEDULES AND ADDITIONAL PAGES (the pages identified are an essential part of this report (see Regulation 653.2))

Schedule of Circuit Details and Schedule of Test Results for the installation (PARTS 9A & 9B)

Page No(s): (4 & 5)

Additional pages, including data sheets for additional sources

Page No(s): (None)

Special installations or locations (indicated in item 13 of PART 7)

Page No(s): (None)

Schedules relating to Prosumer's installations (indicated in item 14 of PART 7)

Page No(s): (None)

Continuation sheets

Page No(s): (None)

**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.*

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

This certificate is not valid if the serial number has been defaced or altered **28542322** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part 9B '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 9B)	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	Surge Protection															
2	Surge Protection															
3	Surge Protection															
4	Surge Protection															
5																
6																
7																
8																
9																
10	Lights corridor	A	C	16	1.5	1	5	60898	C	10	6	2.19				
11	Lights corridor	A	C	16	1.5	1	5	60898	C	10	6	2.19				
12	Emergency lights corridor	A	C	9	1.5	1	5	60898	C	10	6	2.19				
13	Emergency lights corridor	A	C	12	1.5	1	5	60898	C	10	6	2.19				
14	Spur	A	C	1	2.5	1.5	5	60898	C	16	6	1.37				
15	Spur	A	C	1	2.5	1.5	5	60898	C	16	6	1.37				
16	Spur	A	C	1	2.5	1.5	5	60898	C	16	6	1.37				
17	Fans	A	C	3	2.5	1.5	5	60898	B	10	6	4.37				
18	Corridor heaters	A	C	2	2.5	1.5	5	60898	C	16	6	1.37				

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

DB designation: First Floor Lighting and Power

Location of DB: Common hall cupboard

Z_{db}: N/A (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 9B), (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: (.....) 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 certificate 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

CERTIFICATION SCOTLAND

spark SOLUTIONS

This certificate is not valid if the serial number has been defaced or altered **28542322**

EIC18.2s

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part 9A)

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														
3														
4														
5														
6														
7														
8														
9														
10				1.07		999	999	500	✔	1.17				
11				1.36		999	999	500	✔	1.46				
12				1.27		999	999	500	✔	1.37				
13				1.14		999	999	500	✔	1.24				
14				0.46		999	999	500	✔	0.56				
15				0.41		999	999	500	✔	0.51				
16				0.41		999	999	500	✔	0.51				
17				1.59		999	999	500	✔	1.69				
18				0.28		999	999	500	✔	0.38				

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

TESTED BY Name (capitals): DREW STOBO Position: QS Signature: Date: 12/12/2023

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

* 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

This certificate is not valid if the serial number has been defaced or altered **28542322** **ISS18.2c**

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	Corridor heaters	A	C	1	2.5	1.5	5	60898	C	16	6	1.37				
20	Corridor heaters	A	C	1	2.5	1.5	5	60898	C	16	6	1.37				
21	Sockets corridor	A	C	4	2.5	1.5	0.4	62606	B	20	6	0.68	62606	A	32	30

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

DB designation: First Floor Lighting and Power

Location of DB: Common hall cupboard

Z_{db}: N/A (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: N/A

Overcurrent protective device for the distribution circuit

BS (EN): (N/A) Type: (.....) 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 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

CERTIFICATION SCOTLAND

spark SOLUTIONS

This certificate is not valid if the serial number has been defaced or altered **28542322** **ISS18.2c**

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				0.55		999	999	500	✔	0.65				
20				0.40		999	999	500	✔	0.50				
21	0.41	0.41	0.58	0.47		999	999	500	✔	0.57	31	✔	✔	

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

TESTED BY Name (capitals): DREW STOBO Position: QS Signature: Date: 12/12/2023

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

* 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

NOTES FOR RECIPIENT

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

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected and tested in accordance with the national standard for the safety of electrical installations, *BS 7671: 2018+A2:2022* - Requirements for Electrical Installations.

You should have received the certificate marked 'Original' and the contractor should retain a duplicate. 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, immediately to the owner or user of the installation.

The 'Original' certificate 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 certificate will demonstrate to the new user that the electrical installation works complied with the requirements of *BS 7671: 201+A2:2022* 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.

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 4A or 4B. With the exception of domestic (household) premises, there should be a notice at or near the main switchboard or distribution board indicating the date when the next inspection is due.

Only an NICEIC* contractor responsible for the construction of the electrical installation is authorised to issue this NICEIC Electrical Installation Certificate, which has a unique serial number that is traceable to the contractor to which it was supplied by NICEIC.

This certificate is intended to be issued only for a new electrical installation or for new work associated with an addition or alteration to an existing installation, or for the replacement of a distribution board (or consumer unit). It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such a periodic inspection.

The certificate consists of at least five numbered pages. The certificate is only valid if the Schedule of Items Inspected (PART 7) has been completed to confirm that all relevant inspections have been carried out and the Schedule of Circuit Details (PART 9A) and the Schedule of Test Results (PART 9B) are attached. For installations having more than one distribution board (or consumer unit) or more circuits than can be recorded in PARTS 9A & 9B, one or more additional Schedule of Circuit Details and Schedule of Test Results, should form part of the certificate. Additional numbered pages may have been provided to permit further relevant information relating to the installation to be recorded. The Certificate is invalid if any of the additional pages, listed in PART 8 are missing.

This certificate should not have been issued for electrical work in a potentially explosive atmosphere (hazardous area) unless the contractor holds an appropriate extension to their NICEIC registration for such work.

Page 1 and 2 of this certificate provide details of the electrical installation, together with the name(s), signature(s) of the person(s) certifying the three elements of installation work (design, construction and inspection and testing) and the organisation(s) responsible for the work certified by their representative(s).

Certification for inspection and testing provides an assurance that the electrical installation work has been fully inspected and tested, and that the electrical work has been carried out in accordance with the requirements of *BS 7671: 2018+A2:2022* (except for any departures sanctioned by the designer and appended to the certificate).

Where responsibility for the design, the construction and the inspection and testing of the electrical work is divided between the contractor and one or more other bodies, the division of responsibility should have been established and agreed before commencement of the work. In such a case, NICEIC considers that the absence of certification for the construction, or the inspection and testing elements of the work would render the certificate invalid. If the design section of the certificate has not been completed, NICEIC recommends that you question why those responsible for the design have not certified that this important element of the work is in accordance with *BS 7671: 2018+A2:2022*.

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 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.

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems) in accordance with British Standards *BS 5839* and *BS 5266* respectively, this electrical safety certificate should be accompanied by a separate certificate or certificates as prescribed by those standards.

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 work for which the Contractor has accepted responsibility (as indicated by the signatures on this certificate) does not comply with *BS 7671: 2018+A2:2022*, the client 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.

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).*

This certificate is not valid if the serial number has been defaced or altered **28542623** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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°: 040815000 Branch N°*: 000

Trading Title: Spark Solutions Ltd

Address: 10-12 North Street, Paisley

Postcode: PA3 2BS Tel No: 01418428072

DETAILS OF THE CLIENT

Contractor Reference Number (CRN): N/A

Name: PVP Developments Ltd

Address: Pvp Developments Ltd, 1/1, 15 North Claremont Street, Glasgow

Postcode: G3 7NR Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: PVP Developments Ltd

Unique Property Reference Number (UPRN): N/A

Address: 4th Floor Lighting and Power, Student Accomodation, 37 Gilbert Street, Glasgow,

Postcode: G3 8QN Tel No: N/A

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

Date works completed: 07/12/2023 **The installation is** New: (✔) An addition: (N/A) An alteration: (N/A) Replacement of a distribution board: (N/A)

Description and extent of the installation covered by this certificate: 4th floor power and lighting circuits

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

PART 3 : COMMENTS ON THE EXISTING INSTALLATION (in the case of an addition or alteration see Regulation 644.1.2)

N/A

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

PART 4A : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (use where the design, construction, inspection & testing have been the responsibility of one person)

DESIGN, CONSTRUCTION, INSPECTION & TESTING (the extent of liability of the signatory is limited to the work detailed in PART 2)

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, 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+A2:2022* except for the departures, if any (Regulations 120.3, 133.1.3 and 133.5), detailed as follows:

N/A

where required, continued on attached separate page(s) (N/A)

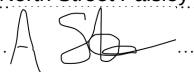
- Permitted exception applied (411.3.3): Yes/NA (N/A) Risk assessment attached: (N/A) Page No(s) (N/A)

I, being the designer of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 31/08/2033 (date)

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

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 12/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR

Name (capitals): DREW STOBO Signature:  Date: 12/12/2023

This certificate 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

Please see the 'Notes for Recipients'

CERTIFICATION SCOTLAND

This certificate is not valid if the serial number has been defaced or altered **28542623** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 4B : DECLARATION FOR THE ELECTRICAL INSTALLATION WORK (to be completed where different parties are responsible for the design, construction, inspection & testing)

DESIGN (The extent of liability of the signatories is limited to the work detailed in PART 2)

I/We being the person(s) responsible for the design of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the design, hereby CERTIFY that the design work for which I/we have been responsible is to the best of my/our knowledge and belief in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3, 133.1.3 and 133.5).

- Permitted exception applied (411.3.3): ~~Xx~~/NA Risk assessment attached: (N/A) Page No(s) (N/A)

DESIGNER 1 Name (capitals): N/A Signature: N/A Date: N/A

DESIGNER 2 (where there is divided responsibility for design) Name (capitals): N/A Signature: N/A Date: N/A

I/we, being the designer(s) of the electrical installation, also RECOMMEND that this installation is further inspected and tested by: 31/08/2033 (date) (*Where applicable)

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.

Organisation (Designer 1): KJ TAIT Registration No*: 321456 Organisation (Designer 2): N/A Registration No*: N/A

Address: 15 Woodside Terrace Glasgow Address: N/A

Postcode: G3 7XH Tel No: 01413329676 Postcode: N/A Tel No: N/A

CONSTRUCTION (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the construction of the electrical installation, particulars of which are described in PART 2, having exercised reasonable skill and care when carrying out the construction, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 12/12/2023 Postcode: PA3 2BS Tel No: 01418428072

INSPECTION & TESTING (The extent of liability of the signatory is limited to the work detailed in PART 2)

I, being the person responsible for the 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 inspection and testing, hereby CERTIFY that the said work for which I have been responsible is, to the best of my knowledge and belief, in accordance with *BS 7671: 2018+A2:2022* except for the departures, if any, detailed on attached page(s) (N/A) (Regulations 120.3 and 133.5).

Name (capitals): DREW STOBO Organisation: Spark Solutions Ltd Registration No*: 040815000

Address: 10-12 North Street Paisley

Signature:  Date: 12/12/2023 Postcode: PA3 2BS Tel No: 01418428072

REVIEWED BY QUALIFIED SUPERVISOR (for the Contractor detailed in PART 1)

Name (capitals): DREW STOBO Signature:  Date: 12/12/2023

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems), this electrical safety certificate should be accompanied by the particular certificate(s) for the system(s).

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

CERTIFICATION SCOTLAND

spark SOLUTIONS

This certificate is not valid if the serial number has been defaced or altered **28542623**

EIC18.2s

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 5 : SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System type and earthing arrangements

TN-C: (N/A) TN-S: (✔) TN-C-S: (N/A)

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

Supply protective device

BS EN: (60898) Type: (B) Rated current: (160) 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) kA

Earth fault loop impedance, Z_e [2]*: (0.1) Ω

[1] By enquiry

[2] By enquiry or by measurement

PART 6 : PARTICULARS OF INSTALLATION REFERRED TO IN THIS CERTIFICATE

Maximum demand (load): (100) ~~kVA~~ A

(*delete as appropriate*)

Means of Earthing

Distributor's facility: (✔)

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

Earth electrode type – rod(s), tape, etc: (None)

Location: (N/A)

Electrode resistance to Earth: (N/A) Ω

Main protective conductors

Earthing conductor:

(material Copper)

csa (70) mm² Connection/continuity verified: (✔)

Main protective bonding conductors:

(material N/A)

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

Main protective bonding connections

Water installation pipes: (N/A)

Gas installation pipes: (N/A)

Structural steel: (N/A)

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: (Consumer unit)

BS EN: (60947-3) Type: (3) Rating / setting of device: (100) A

No. of poles: (2) Current rating: (160) A Voltage rating: (230) V

Where an RCD is used as the main switch

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

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

PART 7 : SCHEDULE OF ITEMS INSPECTED (enter ✓or N/A, as applicable)

		Outcome
1.	Condition of consumer's intake equipment (visual inspection only)	(✔)
2.	Parallel or switched alternative sources of supply	(N/A)
3.	Protective measure: Automatic disconnection of supply (ADS)	(✔)
4.	Basic protection	(✔)
5.	Protective measures other than ADS	(N/A)
6.	Additional protection	(✔)
7.	Distribution equipment	(✔)
8.	Circuits (distribution and final)	(✔)
9.	Isolation and switching	(✔)
10.	Current-using equipment (permanently connected)	(✔)
11.	Identification and notices	(✔)
12.	Location(s) containing a bath or shower	(✔)
13.	Other special installations or locations	(N/A)
14.	Prosumer's low voltage installation(s)	(N/A)

Schedule of Items Inspected by

Name (capitals): DREW STOBO

Signature: A Stobo Date: 12/12/2023

PART 8 : SCHEDULES AND ADDITIONAL PAGES (the pages identified are an essential part of this report (see Regulation 653.2))

Schedule of Circuit Details and Schedule of Test Results for the installation (PARTS 9A & 9B)

Page No(s): (4 & 5)

Additional pages, including data sheets for additional sources

Page No(s): (None)

Special installations or locations (indicated in item 13 of PART 7)

Page No(s): (None)

Schedules relating to Prosumer's installations (indicated in item 14 of PART 7)

Page No(s): (None)

Continuation sheets

Page No(s): (None)

**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.*

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

This certificate is not valid if the serial number has been defaced or altered **28542623** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9A : SCHEDULE OF CIRCUIT DETAILS (GO TO Part 9B '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 9B)	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	Surge Protection															
2	Surge Protection															
3	Surge Protection															
4	Surge Protection															
5	Sockets corridor	A	C	4	2.5	1.5	0.4	62606	B	20	6	0.68	62606	A	32	30
6	Corridor heaters	A	C	2	2.5	1.5	5	60898	C	16	6	1.37				
7	Corridor heater	A	C	3	2.5	1.5	5	60898	C	16	6	1.37				
8	Lights Stair	A	C	6	1.5	1	5	60898	C	10	6	2.19				
9	Lights Stair	A	C	6	1.5	1	5	60898	C	10	6	2.19				
10	Fans	A	C	3	2.5	1.5	5	60898	B	10	6	4.37				
11	Lights corridor	A	C	16	1.5	1	5	60898	C	10	6	2.19				
12	Lights corridor	A	C	16	1.5	1	5	60898	C	10	6	2.19				
13	Emergency lights corridor	A	C	9	1.5	1	5	60898	C	10	6	2.19				
14	Emergency lights corridor	A	C	12	1.5	1	5	60898	C	10	6	2.19				
15	Lights Stair 2	A	C	6	1.5	1	5	60898	C	10	6	2.19				
16	Lights Stair 2	A	C	6	1.5	1	5	60898	C	10	6	2.19				
17	Smoke Vent stair 1	A	C	1	2.5	1.5	5	60898	C	16	6	1.37				
18	Fire Spurs	A	C	2	2.5	1.5	5	60898	C	16	6	1.37				

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

DB designation: First Floor Lighting and Power

Location of DB: Common hall cupboard

Z_{db}: N/A (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 9B), (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: (.....) 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

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

This certificate is not valid if the serial number has been defaced or altered **28542623** **EIC18.2s**

ELECTRICAL INSTALLATION CERTIFICATE

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

Original (to the person ordering the work)

PART 9B : SCHEDULE OF TEST RESULTS (MUST reflect circuits entered into 'Schedule of Circuit Details' in Part 9A)

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														
3														
4														
5	0.40	0.40	0.45	0.47		999	999	500	✔	0.55	32.4	✔	✔	
6				0.36		999	999	500	✔	0.46				
7				0.40		999	999	500	✔	0.50				
8				1.34		999	999	500	✔	1.44				
9				1.21		999	999	500	✔	1.31				
10				0.74		999	999	500	✔	0.84				
11				1.16		999	999	500	✔	1.26				
12				1.15		999	999	500	✔	1.25				
13				1.27		999	999	500	✔	1.37				
14				1.04		999	999	500	✔	1.14				
15				0.98		999	999	500	✔	1.08				
16				1.10		999	999	500	✔	1.20				
17				0.20		999	999	500	✔	0.30				
18				0.29		999	999	500	✔	0.39				

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

TESTED BY Name (capitals): DREW STOBO Position: QS Signature: [signature] Date: 12/12/2023

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

* 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 CERTIFICATION SCOTLAND

spark SOLUTIONS

This certificate is not valid if the serial number has been defaced or altered **28542623** **ISS18.2c**

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	Heat Trace	A	C	1	2.5	1.5	5	60898	C	20	6	1.09				
20	Smoke Vent stair 2	A	C	1	2.5	1.5	5	60898	C	16	6	1.37				

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

DB designation: First Floor Lighting and Power

Location of DB: Common hall cupboard

Z_{db}: N/A (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: N/A

Overcurrent protective device for the distribution circuit

BS (EN): (N/A) Type: (.....) 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 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

CERTIFICATION SCOTLAND

spark SOLUTIONS

This certificate is not valid if the serial number has been defaced or altered **28542623** **ISS18.2c**

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				0.38		999	999	500	✔	0.48				
20				0.19		999	999	500	✔	0.29				

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

TESTED BY Name (capitals): DREW STOBO Position: QS Signature: Date: 12/12/2023

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

* 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

NOTES FOR RECIPIENT

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

This safety certificate has been issued to confirm that the electrical installation work to which it relates has been designed, constructed, inspected and tested in accordance with the national standard for the safety of electrical installations, *BS 7671: 2018+A2:2022* - Requirements for Electrical Installations.

You should have received the certificate marked 'Original' and the contractor should retain a duplicate. 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, immediately to the owner or user of the installation.

The 'Original' certificate 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 certificate will demonstrate to the new user that the electrical installation works complied with the requirements of *BS 7671: 201+A2:2022* 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.

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 4A or 4B. With the exception of domestic (household) premises, there should be a notice at or near the main switchboard or distribution board indicating the date when the next inspection is due.

Only an NICEIC* contractor responsible for the construction of the electrical installation is authorised to issue this NICEIC Electrical Installation Certificate, which has a unique serial number that is traceable to the contractor to which it was supplied by NICEIC.

This certificate is intended to be issued only for a new electrical installation or for new work associated with an addition or alteration to an existing installation, or for the replacement of a distribution board (or consumer unit). It should not have been issued for the inspection of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such a periodic inspection.

The certificate consists of at least five numbered pages. The certificate is only valid if the Schedule of Items Inspected (PART 7) has been completed to confirm that all relevant inspections have been carried out and the Schedule of Circuit Details (PART 9A) and the Schedule of Test Results (PART 9B) are attached. For installations having more than one distribution board (or consumer unit) or more circuits than can be recorded in PARTS 9A & 9B, one or more additional Schedule of Circuit Details and Schedule of Test Results, should form part of the certificate. Additional numbered pages may have been provided to permit further relevant information relating to the installation to be recorded. The Certificate is invalid if any of the additional pages, listed in PART 8 are missing.

This certificate should not have been issued for electrical work in a potentially explosive atmosphere (hazardous area) unless the contractor holds an appropriate extension to their NICEIC registration for such work.

Page 1 and 2 of this certificate provide details of the electrical installation, together with the name(s), signature(s) of the person(s) certifying the three elements of installation work (design, construction and inspection and testing) and the organisation(s) responsible for the work certified by their representative(s).

Certification for inspection and testing provides an assurance that the electrical installation work has been fully inspected and tested, and that the electrical work has been carried out in accordance with the requirements of *BS 7671: 2018+A2:2022* (except for any departures sanctioned by the designer and appended to the certificate).

Where responsibility for the design, the construction and the inspection and testing of the electrical work is divided between the contractor and one or more other bodies, the division of responsibility should have been established and agreed before commencement of the work. In such a case, NICEIC considers that the absence of certification for the construction, or the inspection and testing elements of the work would render the certificate invalid. If the design section of the certificate has not been completed, NICEIC recommends that you question why those responsible for the design have not certified that this important element of the work is in accordance with *BS 7671: 2018+A2:2022*.

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 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.

Where the electrical work to which this certificate relates includes the installation of a fire alarm system and/or an emergency lighting system (or a part of such systems) in accordance with British Standards *BS 5839* and *BS 5266* respectively, this electrical safety certificate should be accompanied by a separate certificate or certificates as prescribed by those standards.

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 work for which the Contractor has accepted responsibility (as indicated by the signatures on this certificate) does not comply with *BS 7671: 2018+A2:2022*, the client 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.

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).*