Date	22/08/2025	Certificate Serial No/Ref:	SES80056683

SES Electrical (Kent) Ltd
Electrical Installation Certificate

(Requirements for Electrical Installations - BS 7671 IET Wiring Regulations)

NAPIT APPROVED FOR YOUR SAFETY NAPIT

DETAILS OF THE CLIENT

Client/Address	Crescendo, 455 Canterbury Street, Gillingham , ME7 5LJ

DETAILS OF THE INSTALLATION

Address:	455 Canterbury Street, Gillingham , ME7 5LJ	**New**	✓
Extent of the installation covered by this Certificate:	Full rewire including all distribution equipment and fixed wiring	**An Addition**	N/A
		An Alteration	N/A

DESIGN

* BS 7671 amended to : **2022**

I/We being the person(s) responsible for the design of the electrical installation (as indicated by my/our signature(s) below, particulars of which are described above, 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 knowledge and belief, in accordance with BS 7671 amended to* except for the departures, if any, detailed as follows:

Details of departures from BS 7671 *as amended (Regulations 120.3, 133.1.3, 133.5) N/A

Details of permitted exceptions (Regulation 411.3.3). Where appropriate a suitable risk assessment should be attached to this certificate

None

Risk assessment attached

The extent of liability of the signatory/signatories is limited to the work described above as the subject of this certificate.
For the DESIGN of the installation: ** (Where there is divided responsibility for the design)

Signature		**Date**	22/08/2025	**Name** (CAPITALS)	Dyllan Davenport	**Designer 1**
Signature		**Date**		**Name** (CAPITALS)	N/A	**Designer 2 ****

CONSTRUCTION

* BS 7671 amended to : **2022**

I being the person(s) responsible for the construction of the electrical installation (as indicated by my/our signature(s) below, particulars of which are described above, having exercised reasonable skill and care when carrying out the construction, hereby Certify that the construction work for which I have been responsible is, to the best of my knowledge and belief, in accordance with BS 7671 amended to* except for the departures, if any, detailed as follows:

Details of departures from BS 7671 *as amended (Regulations 120.3, 133.5) N/A

The extent of liability of the signatory is limited to the work described above as the subject of this certificate.
For the CONSTRUCTION of the installation:

Signature		**Date**	22/08/2025	**Name** (CAPITALS)	Dyllan Davenport	**Constructor**

INSPECTION AND TESTING

* BS 7671 amended to : **2022**

I being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signature(s) below, particulars of which are described above, having exercised reasonable skill and care when carrying out the inspection and testing, hereby Certify that the inspection and testing work for which I have been responsible is, to the best of my knowledge and belief, in accordance with BS 7671 as amended to* except for the departures, if any, detailed as follows:

Details of departures from BS 7671 *as amended (Regulations 120.3, 133.5) N/A

The extent of liability of the signatory is limited to the work described above as the subject of this certificate.
For the INSPECTION AND TESTING of the installation:

Signature		**Date**	22/08/2025	**Name** (CAPITALS)	Dyllan Davenport	**Inspector**

Reviewed by

Signature		**Date**	22/08/2025	**Name** (CAPITALS)	Bradley King	**Qualified Supervisor**

DESIGN, CONSTRUCTION, INSPECTION AND TESTING

*** This box is to be completed only where the design, construction, inspection and testing have been the responsibility of one person.**

I, being the person responsible for the design, construction, inspection and testing of the electrical installation (as indicated by my signature below), particulars of which are described above, having exercised reasonable skill and care when carrying out the design, construction, inspection and testing, hereby CERTIFY that the inspection and testing work for which I have been responsible is, to the best of my knowledge and belief, in accordance with BS 7671 as amended to except for the departures, if any, detailed as follows:**

****BS 7671 amended to : 2022**

Details of departures from BS 7671, as amended (Regulations 120.3 & 133.5)

The extent of liability of the signatory is limited to the work described above as the subject of this certificate.
For the DESIGN, CONSTRUCTION, and the INSPECTION AND TESTING of the installation.

Signature		**Date**	22/08/2025	**Name** (CAPITALS)	Dyllan Davenport	**INSPECTOR**
Reviewed by						
Signature		**Date**	22/08/2025	**Name** (CAPITALS)	Bradley King	**Qualified Supervisor**

PARTICULARS OF THE ORGANISATION(S) RESPONSIBLE FOR THE ELECTRICAL INSTALLATION

DESIGN (1)
Organisation SES Electrical (Kent) Ltd

Address: 4 Meadowsweet Walk
Sittingbourne

ME10 4EU

Registration No. (Where appropriate) 74918

Branch number (if applicable)

DESIGN (2)
Organisation N/A

Address: N/A

Registration No. (Where appropriate) N/A

Branch number (if applicable) N/A

CONSTRUCTION
Organisation SES Electrical (Kent) Ltd

Address: 4 Meadowsweet Walk
Sittingbourne

ME10 4EU

Registration No. (Where appropriate) 74918

Branch number (if applicable)

INSPECTION & TESTING
Organisation SES Electrical (Kent) Ltd

Address: 4 Meadowsweet Walk
Sittingbourne

ME10 4EU

Registration No. (Where appropriate) 74918

Branch number (if applicable)

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System Types		Number and types of live conductors						Nature of supply parameters		
TN-S	N/A	a.c.	✓			d.c.	N/A	Nominal voltage U/Uo	230	**Volts**
TN-C-S	✓	1-Phase 2 wire	✓			2 wire	N/A	Nominal frequency	50	**Hz**
TN-C	N/A	2-Phase 3 wire	N/A			3 wire	N/A	Prospective fault current	1.20	**kA**
TT	N/A	3-Phase 3 wire	N/A	3-Phase 4 wire	N/A	Other	N/A	External Ze	0.19	**Ohms**
IT	N/A	Other		Confirmation of supply polarity	✓			Number of supplies	1	

CHARACTERISTICS OF THE SUPPLY OVERCURRENT PROTECTIVE DEVICE

Type BS/EN	BS88 Fuse HRC - Type gG	Rated current	100	A	Short circuit capacity	33	kA

PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of earthing

Supplier's facility	✓		
Installation earth electrode	N/A		
Maximum Demand (Load)	100	Amps	

Details of installation Earth Electrode (where applicable)

Type: (e.g. rods, tape etc)	N/A		Location	N/A	
Electrode resistance to Earth	N/A	Ω	Method of measurement	N/A	
Protection under normal conditions	ADS				

Main Switch/Switch-Fuse/Circuit-Breaker/RCD

Type BSEN	60947-3 Isolator	No of poles	2	Fuse/Device rating	230	V	Current rating	100	A

If RCD main switch

RCD IΔn operating curent	N/A	mA	RCD rated time delay	N/A	ms	RCD at IΔn operating time	N/A	ms

Supply conductors

Conductor material	Copper	
Conductor csa	25	mm^2

Earthing conductors

Conductor material	Copper	Conductor csa	16	mm^2	Continuity check	✓	(✓) OK

Main bonding conductors to extraneous-conductive-parts

Conductor material	Copper	Conductor csa	10	mm^2	Continuity check	✓	(✓) OK

Bonding of extraneous conductive parts (✓)

Water Installation pipes	✓	Gas Installation pipes	✓	Oil Installation pipes	N/A	Structural steel	N/A	Lightning protection	N/A	Other	N/A	List in report notes

SCHEDULE OF INSPECTIONS

✓ Indicates satisfactory inspection, N/A indicates the inspection is not applicable

Item No	DESCRIPTION	OUTCOME	Item No	DESCRIPTION	OUTCOME
1.0	Condition of consumer's intake equipment (Visual inspection only)	✓	8.0	Circuits (Distribution and Final)	✓
2.0	Parallel or switched alternative sources of supply	N/A	9.0	Isolation and switching	✓
3.0	Protective measure: Automatic Disconnection of Supply (ADS)	✓	10.0	Current-using equipment (permanently connected)	✓
4.0	Basic protection	✓	11.0	Identification and notices	✓
5.0	Protective measures other than ADS	N/A	12.0	Location(s) containing a bath or shower	✓
6.0	Additional protection	✓	13.0	Other special installations or locations	N/A
7.0	Distribution equipment	✓	14.0	Prosumer's low voltage electrical installation(s)	N/A

COMMENTS ON THE EXISTING INSTALLATION

N/A

NEXT INSPECTION

I/We the designer(s), recommend that this installation is further inspected and tested after an interval of not more than 5 Years

SCHEDULE OF ADDITIONAL RECORDS (See attached schedule)

Note: Additional page(s) must be identified by the Electrical Installation Certificate serial number and page number(s)

Page No(s) N/A

ESSENTIAL TESTS

✓	External earth loop impedance, Ze	✓	Insulation of non-conducting floors or walls
N/A	Installation earth electrode resistance, Ra	✓	Earth fault loop impedance Zs
✓	Continuity of protective conductors	N/A	Verification of phase sequence
✓	Continuity of ring circuit conductors	✓	Operation of residual current devices
✓	Insulation resistance between live conductors	✓	Functional testing of assemblies
✓	Insulation resistance between live conductors and earth	✓	Verification of voltage drop
✓	Protection by separation of circuits		
N/A	Basic protection against direct contact by barrier or enclosure provided during erection		
✓	Polarity		

TEST INSTRUMENT(S) USED

MFT

1012223102531868

Earth fault loop impedance

N/A

Insulation resistance

N/A

Continuity

N/A

RCD

N/A

Other

N/A

CODES FOR TYPES OF WIRING

A	B	C	D	E	F	G	H	O
Thermoplastic insulated/ sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic SWA cables	Thermoplastic SWA cables	Mineral insulated cables	Other

Details of circuits and/or installed equipment vulnerable to damage when testing and/or remarks:

Lighting circuits IR tested at 250VDC for the safety of the light fittings

DISTRIBUTION BOARD DETAILS FOR 455 Canterbury Street Gillingham ME7 5LJ

DB ref:	DB1	Zs at this board (Ω):	0.19	Ipf at this board (kA):	1.20	Main switch type BSEN	60947-3 Isolator	Rating:	100	A	SPD Type(s)	T2	Supply	25	mm²	Earth:	16	mm²											
Distribution board location:	Hall	Phase Sequence Confirmed (where appropriate)	N/A	Supplied from:	Mains	No. Of phases:	Single	Supply protective device type BSEN reference:	BS88 Fuse HRC - Type gG	Rating:	100	Amps																	

CIRCUIT DETAILS / TEST RESULTS

Circuit reference	Circuit designation	Type of wiring	Reference method	Number of points served	Circuit conductors		Max disconnection time	Overcurrent protective device					RCD				Continuity Ω					Insulation resistance					Polarity	Maximum measured Zs Ω	RCD		AFDD
					Live (mm²)	cpc (mm²)		Type BS (EN)	Type	Rating	Breaking capacity (kA)	100% Max permitted Zs (Ω)	Type BS (EN)	Type	IΔn (mA)	Rating (A)	Ring final circuits only (measured end to end) r_1 (line)	r_n (neutral)	r_2 (cpc)	All circuits (At least 1 column to be completed) $(R_1 + R_2)$	R_2	Test voltage V	Live - Live (MΩ)	Live - Neutral (MΩ)	Live - Earth (MΩ)	Neutral - Earth (MΩ)			Disconnection time (ms)	Test button/fucntionality	Manual test button/ functionality
1	SPD	A	N/A	1	N/A	N/A	0.4	60898	B	32	6	1.37	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.01	N/A	500	N/A	999	999	999	✓	0.20	N/A	N/A	N/A
2	Ground Floor Rear Hob	A	100	1	10	4.0	0.4	61009	B	40	6	1.09	61009	A	30	40	N/A	N/A	N/A	0.08	N/A	500	N/A	999	999	999	✓	0.27	29.6	✓	N/A
3	Ground Floor Main Kitchen Hob	A	100	1	10	4.0	0.4	61009	B	40	6	1.09	61009	A	30	40	N/A	N/A	N/A	0.06	N/A	500	N/A	999	999	999	✓	0.25	31.0	✓	N/A
4	Ground Floor Main Kitchen Cooker	A	100	1	10	4.0	0.4	62606	B	40	6	1.09	62606	A	30	40	N/A	N/A	N/A	0.07	N/A	500	N/A	999	999	999	✓	0.26	28.8	✓	✓
5	1st Floor Front Hob	A	100	1	10	4.0	0.4	61009	B	40	6	1.09	61009	A	30	40	N/A	N/A	N/A	0.05	N/A	500	N/A	999	999	999	✓	0.24	32.1	✓	N/A
6	1st Floor Rear Hob	A	100	1	10	4.0	0.4	61009	B	40	6	1.09	61009	A	30	40	N/A	N/A	N/A	0.04	N/A	500	N/A	999	999	999	✓	0.23	28.0	✓	N/A
7	1st Floor Rear Hob	A	100	1	10	4.0	0.4	61009	B	40	6	1.09	61009	A	30	40	N/A	N/A	N/A	0.03	N/A	500	N/A	999	999	999	✓	0.22	28.7	✓	N/A
8	Ground Floor Ring	A	100	24	2.5	1.5	0.4	61009	B	32	6	1.37	61009	A	30	32	0.71	0.70	0.91	0.53	N/A	500	N/A	999	999	999	✓	0.72	27.8	✓	✓
9	1st Floor Ring	A	100	19	2.5	1.5	0.4	61009	B	32	6	1.37	61009	A	30	32	0.53	0.54	0.72	0.75	N/A	500	N/A	999	999	999	✓	0.72	28.4	✓	✓
10	2nd Floor Ring	A	100	10	2.5	1.5	0.4	61009	B	32	6	1.37	61009	A	30	32	0.50	0.50	0.83	0.34	N/A	500	N/A	999	999	999	✓	0.53	28.5	✓	✓
11	Immersion Top	A	100	1	2.5	1.5	0.4	61009	B	20	6	2.19	61009	A	30	20	N/A	N/A	N/A	0.10	N/A	500	N/A	999	999	999	✓	0.29	29.6	✓	N/A
12	Immersion Bottom	A	100	1	2.5	1.5	0.4	61009	B	20	6	2.19	61009	A	30	20	N/A	N/A	N/A	0.10	N/A	500	N/A	999	999	999	✓	0.29	29.9	✓	N/A
13	Ground Floor Lights	A	101	34	1.5	1.0	0.4	61009	B	6	6	7.28	61009	A	30	6	N/A	N/A	N/A	1.91	N/A	250	N/A	999	999	999	✓	2.10	31.2	✓	N/A
14	1st Floor Lights	A	101	27	1.5	1.0	0.4	61009	B	6	6	7.28	61009	A	30	6	N/A	N/A	N/A	1.02	N/A	250	N/A	999	999	999	✓	2.10	31.7	✓	N/A
15	2nd Floor Lights	A	101	19	1.5	1.0	0.4	61009	B	6	6	7.28	61009	A	30	6	N/A	N/A	N/A	1.04	N/A	250	N/A	999	999	999	✓	1.23	29.4	✓	N/A
16	Emergency and communal lights	A	101	22	1.5	1.0	0.4	61009	B	6	6	7.28	61009	A	30	6	N/A	N/A	N/A	0.93	N/A	250	N/A	999	999	999	✓	1.12	27.6	✓	N/A

Not all SPDs have visible functionality indication. RCD effectiveness is verified using an alternating current test at rated residual operating current (Ian). Not all AFDDs have a test button

Distribution board reference: DB1

Circuit reference	Circuit designation	Type of wiring	Reference method	Number of points served	Circuit conductors		Max disconnection time	Overcurrent protective device					RCD				Continuity Ω					Insulation resistance					Polarity	Maximum measured Zs Ω	RCD		AFDD
					Live (mm²)	cpc (mm²)		Type BS (EN)	Type	Rating	Breaking capacity (kA)	100% Max permitted Zs (Ω)	Type BS (EN)	Type	IΔn (mA)	Rating (A)	Ring final circuits only (measured end to end) r_1 (line)	r_n (neutral)	r_2 (cpc)	All circuits (At least 1 column to be completed) $(R_1 + R_2)$	R_2	Test voltage V	Live - Live (MΩ)	Live - Neutral (MΩ)	Live - Earth (MΩ)	Neutral - Earth (MΩ)			Disconnection time (ms)	Test button/fucntionality	Manual test button/ functionality
17	Fire Panel	O	100	1	1.5	1.5	0.4	60898	B	6	6	7.28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.14	N/A	500	N/A	999	999	999	✓	0.33	N/A	N/A	N/A
18	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20	Spare	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

NOTES FOR RECIPIENT

THIS CERTIFICATE IS A VALUABLE DOCUMENT AND SHOULD BE RETAINED FOR FUTURE REFERENCE

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 BS 7671. If you were the person ordering the work, but not the owner of the installation, you should pass this Certificate, or a full copy of it including the schedules, immediately to the owner.

This Certificate should be retained in a safe place and be 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 owner that the electrical installation complied with the requirements of BS 7671 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 electrical installation will need to be inspected at appropriate intervals by a skilled person or persons, competent in such work. The maximum time interval recommended before the next inspection is stated on Page 1 under 'NEXT INSPECTION'.

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. It should not have been issued for the inspection and testing of an existing electrical installation. An 'Electrical Installation Condition Report' should be issued for such an inspection.

This Certificate is only valid if the Schedule of Inspections has been completed to confirm that all relevant inspections have been carried out and where accompanied by Schedule(s) of Circuit Details and Test Results. Where the installation includes a residual current device (RCD) it should be tested six-monthly 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 shall be followed with respect to test button operation. Where the installation includes a surge protective 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. For safety reasons it is important that this instruction is followed. Where the installation includes alternative or additional sources of supply, warning notices should be found at the origin or meter position or, if remote from the origin, at the consumer unit or distribution board and at all points of isolation of all sources of supply.