



Appendix G

Electric-vehicle charging

G1 As-installed EV charging layout	348
G2 House 1 electrical installation certificate	349-354
G3 House 1 EV connection record	355-357
G4 House 2 electrical installation certificate	358-363
G5 House 2 EV connection record	364-366
G6 House 3 electrical installation certificate	367-372
G7 House 3 EV connection record	373-375
G8 House 4 electrical installation certificate	376-381
G9 House 4 EV connection record	382-384

Original source documents follow. Page references are positions in this combined PDF.

Date 19/08/2026

Certificate Serial No/Ref:

TSDEIC1022



Tingley Sparks Electrical Services Limited

Domestic Electrical Installation Certificate



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

DETAILS OF THE CLIENT		ADDRESS OF THE INSTALLATION	
Client and address	1 Malthouse cottages Malthouse Lane Hurstpierpoint	Installation address	1 Malthouse cottages Malthouse Lane , Hurstpierpoint
Postcode: BN6 9PE		Postcode: BN6 9PE	
DETAILS OF THE INSTALLATION		The Installation Is	
Description of the installation	Installation of new electrical installation including distribution, power, lighting and smoke detection.		
Extent of the installation work covered by this certificate	100% of circuits tested and 100% of accessories inspected. Cabling within the fabric of the building was periodically inspected throughout construction.		
		New	✓
		An addition	N/A
		An alteration	N/A
DESIGN, CONSTRUCTION, INSPECTION AND TESTING * BS 7671 amended to : BS 7671:2018+...		The extent of liability of the signatory/signatories is limited to work described above as the subject of this certificate. For the DESIGN, CONSTRUCTION, INSPECTION & TESTING of the installation.	
I/We being the person/s responsible for the design, construction, 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 design, construction, inspection and testing hereby Certify that the design, construction, inspection and testing work for which I/we have been responsible is, to the best of my/our knowledge and belief, in accordance with BS 7671: amended to* except for the departures, if any, detailed as follows:		Signature  Name (Capitals) BEN TINGLEY Date 19/08/2026	
Details of departures from BS 7671: as amended (Regulations 120.3, 133.1.2, 133.1.3 and 133.5)		The results of the inspection and testing reviewed by	
N/A		Signature  Name (Capitals) BEN TINGLEY Date 19/08/2026	
PARTICULARS OF THE CONTRACTOR		NEXT INSPECTION * Interval in terms of years, months, or weeks, as appropriate	
Trading title	Tingley Sparks Electrical Services Limited	I RECOMMEND that this installation is further inspected and tested after an interval of not more than * Ten Years	
Unit 14B, St Helena Business Park, Plumpton Green, N/A	Email ben@tingleyparks.co.uk	COMMENTS ON EXISTING INSTALLATION Additional information and report notes	
Web www.tingleyparks.co.uk		N/A	
Telephone No 07966033085	Postcode BN7 3DH	SCHEDULE OF ADDITIONAL RECORDS See attached schedule	
Registration No: 612450000 (if applicable)	Branch No: N/A (if applicable)	Risk assessment attached	
		N/A	

Report pages including inspection and test schedules 1 of 6

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System

TN-S

N/A

TN-C-S

✓

TT

N/A

TN-C-S (PNB)

N/A

* Other

N/A

Number and Type of Live Conductors

1-phase (2 wire)

✓

1-phase (3 wire)

N/A

2-phase (3 wire)

N/A

3-phase (4 wire)

N/A

other

N/A

(1) by enquiry
(2) by enquiry or by measurement
(3) where more than one supply, the higher or highest values

AC or DC

A/C

Nominal Voltage U (1)

230/230

V

Nominal frequency f (1)

50

Hz

Uo (1)

230

V

External earth fault loop impedance Ze (2/3)

0.13

Ω

Single-phase

Prospective fault current (2/3)

1.1

kA

3-phase

Prospective fault current (2/3)

N/A

kA

*Characteristics of Primary Supply

*Other sources of supply to be detailed on attached schedules

BS(EN)

BS88 Fuse HRC

Type

Type gG

Rated current

100

A

Short-circuit capacity

16.5

kA

PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of earthing

Distributor's facility

✓

Installation earth electrode

N/A

Details of installation Earth Electrode (where applicable)

Type:

N/A

Method of measurement:

N/A

Electrode resistance to Earth, RA

N/A

Location:

N/A

Measured Ze

N/A

Ω

Maximum demand: (load)

90

Amps

Number of smoke alarms

4

Protective measures for fault protection

ADS

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

Type BS(EN)

BS EN 60947-2

Voltage rating

230

V

No of poles

2

Rated Current

100

A

Supply conductor material

Copper

*RCD operating current IΔn

N/A

mA

Supply conductor csa

25

mm²

*RCD rated time delay

N/A

ms

*RCD operating time (at IΔn)

N/A

ms

* If RCD main switch

Earthing conductor

Conductor material:

Copper

Conductor csa:

16

mm²

Continuity check

✓

✓

Main protective bonding conductors and bonding of extraneous conductive parts (√)

Conductor material

N/A

Conductor csa

N/A

Location: (where not obvious)

N/A

Bonding continuity

N/A

Gas installation pipes

N/A

Water installation pipes

N/A

Oil installation pipes

N/A

Structural steel

N/A

To other Specifiy

N/A

SCHEDULE OF INSPECTIONS

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

Item No

DESCRIPTION

OUTCOME

1.0

Condition of consumer's intake equipment (Visual inspection only)

✓

2.0

Parallel or switched alternative sources of supply

N/A

3.0

Protective measure: Automatic Disconnection of Supply (ADS)

✓

4.0

Basic protection

✓

5.0

Protective measures other than ADS

✓

6.0

Additional protection

✓

7.0

Distribution equipment

✓

Item No

DESCRIPTION

OUTCOME

8.0

Circuits (Distribution and Final)

✓

9.0

Isolation and switching

✓

10.0

Current-using equipment (permanently connected)

✓

11.0

Identification and notices

✓

12.0

Location(s) containing a bath or shower

✓

13.0

Other special installations or locations

✓

14.0

Prosumer's low voltage electrical installation(s)

N/A

Tingley Sparks Electrical Services Limited

Completed using iCertifi electrical certificates for iOS

Report pages including inspection and test schedules 2 of 6

Originally issued under BS 7671:2018+A2:2022 — form layout reflects current standard

TSDEIC1022

CODES FOR TYPES OF WIRING						
A	B	C	D	E	F	G
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	Thermosetting SWA cables

TEST INSTRUMENT(S) USED				
Earth fault loop impedance	N/A	Insulation resistance	N/A	
	N/A		RCD	N/A
	3806022		Other	N/A

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

All items of current using equipment, especially those that are vulnerable to high voltages, must be removed, disconnected or otherwise isolated from the circuit before testing commences.

Distribution Board Details for 1 Malthouse cottages Malthouse Lane , Hurstpierpoint BN6 9PE																				
DB ref:	DB1		Zs at this board (Ω):	0.13	Ip at this board (kA):	1.1	Main switch type BSEN	60947		Rating:	100	A	SPD Type(s) / Op status	T2 Op: Confirmed	Supply	25	mm²	Earth:	16	mm²
Distribution board location:	Hallway		Phase Sequence Confirmed (where appropriate)		N/A		Supplied from:	Mains Intake			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 (mm ²)	cpc (mm ²)	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)			All circuits (At least 1 column to be completed)		Test voltage V	Live - Live (MΩ)	Live - Neutral (MΩ)	Live - Earth (MΩ)	Neutral - Earth (MΩ)	Disconnection time (ms)	Test button/functionality			Manual test button/ functionality		
												r ₁ (line)	r _n (neutral)	r ₂ (cpc)	(R ₁ + R ₂)	R ₂												

1	Surge Protection Device	B	A	1	6	6	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	500	N/A	>500	>500	>500	✓	N/A	N/A	N/A	N/A
2	Hob	A	B	1	10	4.0	0.4	61009	B	40	6	1.09	61009	A	30	40	N/A	N/A	N/A	N/A	0.06	500	N/A	>500	>500	>500	✓	0.31	48.7	✓	N/A
3	Oven	A	B	1	10	4.0	0.4	61009	B	32	6	1.37	61009	A	30	32	N/A	N/A	N/A	N/A	0.12	500	N/A	>500	>500	>500	✓	0.33	48.5	✓	N/A
4	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
5	EV Charger	EV Ultra	D	1	10	4	0.4	61009	B	32	10	1.37	61009	A	30	40	N/A	N/A	N/A	0.11	N/A	500	N/A	>500	>500	>500	✓	0.72	38.8	✓	N/A
6	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
7	Solar Provisions	A	B	1	6	2.5	0.4	61009	B	32	6	1.37	61009	A	30	32	N/A	N/A	N/A	N/A	0.09	500	N/A	>500	>500	>500	✓	0.43	48.7	✓	N/A
8	Air Source Heat Pump	A	B	1	6	2.5	0.4	60898	C	32	6	0.68	61008	F	30	40	N/A	N/A	N/A	N/A	0.07	500	N/A	>500	>500	>500	✓	0.49	155.5	✓	N/A
9	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
10	Kitchen Sockets	A	B	7	2.5	1.5	0.4	61009	B	32	6	1.37	61009	A	30	32	0.40	0.40	0.65	0.25	N/A	500	N/A	>500	>500	>500	✓	0.56	38.8	✓	N/A
11	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
12	Ground Floor Sockets	A	B	7	2.5	1.5	0.4	61009	B	20	6	2.19	61009	A	30	20	N/A	N/A	N/A	N/A	0.65	500	N/A	>500	>500	>500	✓	1.29	34.4	✓	N/A
13	First Floor Sockets	A	B	8	2.5	1.5	0.4	61009	B	20	6	2.19	61009	A	30	20	N/A	N/A	N/A	N/A	0.39	500	N/A	>500	>500	>500	✓	0.88	49.2	✓	N/A
14	Loft Floor Socket	A	B	1	2.5	1.5	0.4	61009	B	20	6	2.19	61009	A	30	20	N/A	N/A	N/A	N/A	0.21	500	N/A	>500	>500	>500	✓	0.60	38.8	✓	N/A
15	ASHP RCD	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
16	ASHP RCD	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	500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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%	Type BS (EN)	Type	IΔn (mA)	Rating (A)	Ring final circuits only (measured end to end)			All circuits (At least 1 column to be completed)		Test voltage V	Live - Live (MΩ)	Live - Neutral (MΩ)	Live - Earth (MΩ)	Neutral - Earth (MΩ)			Disconnection time (ms)	Test button/functionality	
												Max permitted Zs (Ω)					r ₁ (line)	r _n (neutral)	r ₂ (cpc)	(R ₁ + R ₂)	R ₂										
17	Immersion Heater	A	B	1	2.5	1.5	0.4	61009	B	20	6	2.19	61009	A	30	20	N/A	N/A	N/A	N/A	0.34	500	N/A	>500	>500	>500	✓	0.62	48.8	✓	N/A
18	Heating Controller	A	B	1	2.5	1.5	0.4	61009	B	20	6	2.19	61009	A	30	20	N/A	N/A	N/A	N/A	0.19	500	N/A	>500	>500	>500	✓	0.44	48.8	✓	N/A
19	Air Handling Unit	A	B	1	2.5	1.5	0.4	61009	B	20	6	2.19	61009	A	30	20	N/A	N/A	N/A	N/A	0.21	500	N/A	>500	>500	>500	✓	0.72	32.4	✓	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
21	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
22	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
23	Ground Floor Lighting	A	B	8	1.0	1.0	0.4	61009	B	6	6	7.28	61009	A	30	6	N/A	N/A	N/A	N/A	0.94	500	N/A	>500	>500	>500	✓	1.14	38.8	✓	N/A
24	First Floor Lighting	A	B	5	1.0	1.0	0.4	61009	B	6	6	7.28	61009	A	30	6	N/A	N/A	N/A	N/A	0.38	500	N/A	>500	>500	>500	✓	0.77	31.2	✓	N/A
25	External Front Garden Lighting	A	B	2	1.0	1.0	0.4	61009	B	6	6	7.28	61009	A	30	6	N/A	N/A	N/A	N/A	0.22	500	N/A	>500	>500	>500	✓	0.15	39.2	✓	N/A
26	Smoke Detectors	FP200	B	4	1.0	1.0	0.4	61009	B	6	6	7.28	61009	A	30	6	N/A	N/A	N/A	N/A	0.15	500	N/A	>500	>500	>500	✓	1.01	31.6	✓	N/A
27	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
28	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
29	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
30	External Lighting Timeclock	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
31	External Lighting Timeclock	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.

Your low carbon technology application is approved



UK Power Networks Low Carbon Technology Application Form

Application Number 8810553619

Installation type: Electric Vehicle Charge Point

Installation date: Wed, 19 Aug 2026

Your reference: TSJN809

SAFETY WARNING!

If you notice damage to our equipment or if there's a dangerous situation, please stay away and call us 24 hours a day on [0800 31 63 105](tel:08003163105) or [105](tel:105) (free to call from landline or mobile).

I confirm that the application is being used for a single dwelling/premise and not for multiple dwellings within the same premise or block: Yes

Domestic/Non-Domestic property? Domestic

Installer Details:

Ben Tingley

Tingley Sparks Electrical Services LTD

77 Stapley Road, , Hove, BN3 7FF

Contact Number: 07966033085

Email: ben@tingleyparks.co.uk

Are you a consultant working on behalf of an installer?: No

I am acting on behalf of: The owner of the property

Can we contact the Customer Directly? Yes

Customer Details: Ben Tingley

Contact Number: 07966033085

Email: ben@tingleyparks.co.uk

Installation Address: 1 MALTHOUSE COTTAGES, MALTHOUSE LANE, HURSTPIERPOINT, BN6 9PE

MPAN: 1900093038317

Premise Details

Domestic/Non-Domestic? Domestic

Type of Premise: Residential house/bungalow

Smart Meter installed on site? Yes

Number of Phases: Single Phase

DNO cut-out rating known? Yes

Premises Cut-out Rating: 100Amps per Phase

Final or Proposer Earthing Arrangements? TN-C-S (PME)

Identified as a looped service? No

Demand Details

Maximum Demand (without load limiting device): 55.00 Amps per Phase

Import or load limiting device on premises? No

Generation Details

Agreed export capacity (including G100 devices): 0.00 kW
G100 export limiting scheme on premises?

Table 1 - Device(s) to be installed

You must ensure the export of these devices is limited to the agreed export capacity above

Device Type	Manufacturer	Reference No.	Device Model	ENA Ref.	System Reference	Export (kW)	Import (kW)	Phases
Electric Vehicle Charge Point	BG	-	Sync EV	-		-	7.00	Single Phase

Date 19/08/2026

Certificate Serial No/Ref:

TSDEIC1023



Tingley Sparks Electrical Services Limited

Domestic Electrical Installation Certificate



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

DETAILS OF THE CLIENT		ADDRESS OF THE INSTALLATION	
Client and address	2 Malthouse cottages Malthouse Lane Hurstpierpoint	Installation address	2 Malthouse cottages Malthouse Lane , Hurstpierpoint
Postcode: BN6 9PE		Postcode: BN6 9PE	
DETAILS OF THE INSTALLATION		The Installation Is	
Description of the installation	Installation of new electrical installation including distribution, power, lighting and smoke detection.		
Extent of the installation work covered by this certificate	100% of circuits tested and 100% of accessories inspected. Cabling within the fabric of the building was periodically inspected throughout construction.		
		New	✓
		An addition	N/A
		An alteration	N/A
DESIGN, CONSTRUCTION, INSPECTION AND TESTING		The extent of liability of the signatory/signatories is limited to work described above as the subject of this certificate. For the DESIGN, CONSTRUCTION, INSPECTION & TESTING of the installation.	
* BS 7671 amended to : BS 7671:2018+...			
I/We being the person/s responsible for the design, construction, 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 design, construction, inspection and testing hereby Certify that the design, construction, inspection and testing work for which I/we have been responsible is, to the best of my/our knowledge and belief, in accordance with BS 7671: amended to* except for the departures, if any, detailed as follows:		Signature  Name (Capitals) BEN TINGLEY Date 19/08/2026	
Details of departures from BS 7671: as amended (Regulations 120.3, 133.1.2, 133.1.3 and 133.5)		The results of the inspection and testing reviewed by	
N/A		Signature  Name (Capitals) BEN TINGLEY Date 19/08/2026	
PARTICULARS OF THE CONTRACTOR		NEXT INSPECTION * Interval in terms of years, months, or weeks, as appropriate	
Trading title	Tingley Sparks Electrical Services Limited	I RECOMMEND that this installation is further inspected and tested after an interval of not more than * Ten Years	
Unit 14B, St Helena Business Park, Plumpton Green, N/A	Email ben@tingleyparks.co.uk	COMMENTS ON EXISTING INSTALLATION Additional information and report notes	
Web www.tingleyparks.co.uk		N/A	
Telephone No 07966033085	Postcode BN7 3DH	SCHEDULE OF ADDITIONAL RECORDS See attached schedule	
Registration No: 612450000 (if applicable)	Branch No: N/A (if applicable)	Risk assessment attached	
		N/A	

Report pages including inspection and test schedules 1 of 6

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

System

TN-S

N/A

TN-C-S

✓

TT

N/A

TN-C-S (PNB)

N/A

* Other

N/A

Number and Type of Live Conductors

1-phase (2 wire)

✓

1-phase (3 wire)

N/A

2-phase (3 wire)

N/A

3-phase (4 wire)

N/A

other

N/A

(1) by enquiry
(2) by enquiry or by measurement
(3) where more than one supply, the higher or highest values

AC or DC

A/C

Nominal Voltage U (1)

230/230

V

Nominal frequency f (1)

50

Hz

Uo (1)

230

V

External earth fault loop impedance Ze (2/3)

0.24

Ω

Single-phase

Prospective fault current (2/3)

1.0

kA

3-phase

Prospective fault current (2/3)

N/A

kA

*Characteristics of Primary Supply

*Other sources of supply to be detailed on attached schedules

BS(EN)

BS88 Fuse HRC

Type

Type gG

Rated current

100

A

Short-circuit capacity

16.5

kA

PARTICULARS OF INSTALLATION AT THE ORIGIN

Means of earthing

Distributor's facility

✓

Installation earth electrode

N/A

Details of installation Earth Electrode (where applicable)

Type:

N/A

Method of measurement:

N/A

Electrode resistance to Earth, RA

N/A

Location:

N/A

Measured Ze

0.24

Ω

Maximum demand: (load)

90

Amps

Number of smoke alarms

4

Protective measures for fault protection

ADS

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

Type BS(EN)

BS EN 60947-2

Voltage rating

230

V

No of poles

2

Rated Current

100

A

Supply conductor material

Copper

*RCD operating current IΔn

N/A

mA

Supply conductor csa

25

mm²

*RCD rated time delay

N/A

ms

*RCD operating time (at IΔn)

N/A

ms

* If RCD main switch

Earthing conductor

Conductor material:

Copper

Conductor csa:

16

mm²

Continuity check

✓

✓

Main protective bonding conductors and bonding of extraneous conductive parts (√)

Conductor material

N/A

Conductor csa

N/A

Location: (where not obvious)

N/A

Bonding continuity

N/A

Gas installation pipes

N/A

Water installation pipes

N/A

Oil installation pipes

N/A

Structural steel

N/A

To other Specifiy

N/A

SCHEDULE OF INSPECTIONS

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

Item No

DESCRIPTION

OUTCOME

1.0

Condition of consumer's intake equipment (Visual inspection only)

✓

2.0

Parallel or switched alternative sources of supply

N/A

3.0

Protective measure: Automatic Disconnection of Supply (ADS)

✓

4.0

Basic protection

✓

5.0

Protective measures other than ADS

✓

6.0

Additional protection

✓

7.0

Distribution equipment

✓

Item No

DESCRIPTION

OUTCOME

8.0

Circuits (Distribution and Final)

✓

9.0

Isolation and switching

✓

10.0

Current-using equipment (permanently connected)

✓

11.0

Identification and notices

✓

12.0

Location(s) containing a bath or shower

✓

13.0

Other special installations or locations

✓

14.0

Prosumer's low voltage electrical installation(s)

N/A

Tingley Sparks Electrical Services Limited

Completed using iCertifi electrical certificates for iOS
Report pages including inspection and test schedules 2 of 6

Originally issued under BS 7671:2018+A2:2022 — form layout reflects current standard

TSDEIC1023

CODES FOR TYPES OF WIRING						
A	B	C	D	E	F	G
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	Thermosetting SWA cables

TEST INSTRUMENT(S) USED				
Earth fault loop impedance	N/A	Insulation resistance	N/A	
	N/A		RCD	N/A
	3806022		Other	N/A

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

All items of current using equipment, especially those that are vulnerable to high voltages, must be removed, disconnected or otherwise isolated from the circuit before testing commences.

DISTRIBUTION BOARD DETAILS FOR 2 Malthouse cottages Malthouse Lane , Hurstpierpoint BN6 9PE																			
DB ref:	DB1	Zs at this board (Ω):	0.24	Ip at this board (kA):	1.0	Main switch type BSEN	60947	Rating:	100	A	SPD Type(s) / Op status	T2 Op: Confirmed	Supply	25	mm ²	Earth:	16	mm ²	
Distribution board location:	Hallway	Phase Sequence Confirmed (where appropriate)		N/A	Supplied from:	Mains Intake		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 (mm ²)	cpc (mm ²)	Type BS (EN)	Type	Rating	Breaking capacity (kA)	100%		Type BS (EN)	Type	IΔn (mA)	Rating (A)	Ring final circuits only (measured end to end)			All circuits (At least 1 column to be completed)		Test voltage V	Live - Live (MΩ)	Live - Neutral (MΩ)	Live - Earth (MΩ)	Neutral - Earth (MΩ)	Disconnection time (ms)	Test button/functionality	Manual test button/ functionality					
						r ₁ (line)						r _n (neutral)	r ₂ (cpc)	(R ₁ + R ₂)	R ₂														

1	Surge Protection Devices	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	N/A	N/A
2	Hob	A	B	1	10	4.0	0.4	61009	B	40	6	1.09	61009	A	30	40	N/A	N/A	N/A	N/A	0.07	500	N/A	>500	>500	>500	✓	0.28	38.8	✓	N/A	N/A	
3	Oven	A	B	1	10	4.0	0.4	61009	B	32	6	1.37	61009	A	30	32	N/A	N/A	N/A	N/A	0.08	500	N/A	>500	>500	>500	✓	0.29	48.5	✓	N/A	N/A	
4	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	N/A	
5	EV Charger	EV Ultra	D	1	10	4.0	0.4	61009	B	32	6	1.37	61009	A	30	32	N/A	N/A	N/A	0.17	N/A	500	N/A	>500	>500	>500	✓	0.19	38.8	✓	N/A	N/A	
6	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	N/A	
7	Solar Provisions	A	B	1	6	2.5	0.4	61009	B	32	6	1.37	61009	A	30	32	N/A	N/A	N/A	N/A	0.12	500	N/A	>500	>500	>500	✓	0.38	38.6	✓	N/A	N/A	
8	Air Source Heat Pump	A	B	1	6	2.5	0.4	60898	C	32	10	0.68	61008	F	30	40	N/A	N/A	N/A	N/A	0.12	500	N/A	>500	>500	>500	✓	0.27	155.5	✓	N/A	N/A	
9	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	N/A	
10	Kitchen Sockets	A	B	7	2.5	1.5	0.4	61009	B	32	6	1.37	61009	A	30	32	0.37	0.37	0.58	0.22	N/A	500	N/A	>500	>500	>500	✓	0.51	38.8	N/A	N/A	N/A	
11	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	N/A	
12	Ground Floor Sockets	A	B	8	2.5	1.5	0.4	61009	B	20	6	2.19	61009	A	30	20	N/A	N/A	N/A	N/A	0.97	500	N/A	>500	>500	>500	✓	1.36	38.8	✓	N/A	N/A	
13	First Floor Sockets	A	B	8	2.5	1.5	0.4	61009	B	20	6	2.19	61009	A	30	20	N/A	N/A	N/A	N/A	0.45	500	N/A	>500	>500	>500	✓	0.86	48.7	✓	N/A	N/A	
14	Loft Floor Socket	A	B	1	2.5	1.5	0.4	61009	B	20	6	2.19	61009	A	30	20	N/A	N/A	N/A	N/A	0.61	500	N/A	>500	>500	>500	✓	0.24	38.6	✓	N/A	N/A	
15	ASHP RCD	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	N/A	
16	ASHP RCD	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	500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

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%	Type BS (EN)	Type	IΔn (mA)	Rating (A)	Ring final circuits only (measured end to end)			All circuits (At least 1 column to be completed)		Test voltage V	Live - Live (MΩ)	Live - Neutral (MΩ)	Live - Earth (MΩ)	Neutral - Earth (MΩ)			Disconnection time (ms)	Test button/functionality	
												Max permitted Zs (Ω)					r ₁ (line)	r _n (neutral)	r ₂ (cpc)	(R ₁ + R ₂)											R ₂
17	Immersion Heater	A	B	1	2.5	1.5	0.4	61009	B	20	6	2.19	61009	A	30	20	N/A	N/A	N/A	N/A	0.07	500	N/A	>500	>500	>500	✓	0.37	48.7	✓	N/A
18	Heating Controller	A	B	1	2.5	1.5	0.4	61009	B	20	6	2.19	61009	A	30	20	N/A	N/A	N/A	N/A	0.19	500	N/A	>500	>500	>500	✓	0.36	38.8	✓	N/A
19	Air Handling Unit	A	B	1	2.5	1.5	0.4	61009	B	20	6	2.19	61009	A	30	20	N/A	N/A	N/A	N/A	0.10	500	N/A	>500	>500	>500	✓	0.12	38.8	✓	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
21	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
22	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
23	Ground Floor Lighting	A	B	8	1.0	1.0	0.2	61009	B	6	6	7.28	61009	A	30	6	N/A	N/A	N/A	N/A	0.86	500	N/A	>500	>500	>500	✓	0.45	38.6	✓	N/A
24	First Floor Lighting	A	B	5	1.0	1.0	0.4	61009	B	6	6	7.28	61009	A	30	6	N/A	N/A	N/A	N/A	0.42	500	N/A	>500	>500	>500	✓	0.87	38.8	✓	N/A
25	External Front Garden Lighting	A	B	3	1.0	1.0	0.4	61009	B	6	6	7.28	61009	A	30	6	N/A	N/A	N/A	N/A	0.18	500	N/A	>500	>500	>500	✓	0.44	38.8	✓	N/A
26	Smoke Detectors	FP200	B	4	1.0	1.0	0.4	61009	B	6	6	7.28	61009	A	30	6	N/A	N/A	N/A	N/A	0.21	500	N/A	>500	>500	>500	✓	0.32	38.6	✓	N/A
27	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
28	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
29	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
30	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
31	External Lighting Timeclock	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
32	External Lighting Timeclock	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.

Your low carbon technology application is approved



UK Power Networks Low Carbon Technology Application Form

Application Number 8810553624

Installation type: Electric Vehicle Charge Point

Installation date: Wed, 19 Aug 2026

Your reference: TSJN809

SAFETY WARNING!

If you notice damage to our equipment or if there's a dangerous situation, please stay away and call us 24 hours a day on [0800 31 63 105](tel:08003163105) or [105](tel:105) (free to call from landline or mobile).

I confirm that the application is being used for a single dwelling/premise and not for multiple dwellings within the same premise or block: Yes

Domestic/Non-Domestic property? Domestic

Installer Details:

Ben Tingley

Tingley Sparks Electrical Services LTD

77 Stapley Road, , Hove, BN3 7FF

Contact Number: 07966033085

Email: ben@tingleyparks.co.uk

Are you a consultant working on behalf of an installer?: No

I am acting on behalf of: The owner of the property

Can we contact the Customer Directly? Yes

Customer Details: Ben Tingley

Contact Number: 07966033085

Email: ben@tingleyparks.co.uk

Installation Address: 2 MALTHOUSE COTTAGES, MALTHOUSE LANE, HURSTPIERPOINT, BN6 9PE

MPAN: 1900093038326

Premise Details

Domestic/Non-Domestic? Domestic

Type of Premise: Residential house/bungalow

Smart Meter installed on site? Yes

Number of Phases: Single Phase

DNO cut-out rating known? Yes

Premises Cut-out Rating: 100Amps per Phase

Final or Proposer Earthing Arrangements? TN-C-S (PME)

Identified as a looped service? No

Demand Details

Maximum Demand (without load limiting device): 55.00 Amps per Phase

Import or load limiting device on premises? No

Generation Details

Agreed export capacity (including G100 devices): 0.00 kW
G100 export limiting scheme on premises?

Table 1 - Device(s) to be installed

You must ensure the export of these devices is limited to the agreed export capacity above

Device Type	Manufacturer	Reference No.	Device Model	ENA Ref.	System Reference	Export (kW)	Import (kW)	Phases
Electric Vehicle Charge Point	BG	-	Sync EV	-		-	7.00	Single Phase