

# Minor Electrical Installation Works Certificate

FT/MEIW 817000001265

Requirements for Electrical Installations  
BS 7671:2018+A2:2022 (IET Wiring Regulations  
18th Edition)



## PART 1 Details of minor works

Client	Ryan Nock	Installation	Shiverstone Farm
Address	Little Dunley Farm Newton Abbot, Devon	Address	Shiverstone Farm , Lower Dawlish Water Rd DAWLISH
Postcode	TQ13 9PW	Postcode	EX7 0QN
Work type	New <input type="checkbox"/> Addition <input type="checkbox"/> Alteration <input checked="" type="checkbox"/>	(Schedule of Inspections required if new )	
Description of installation work covered by this certificate <span>Extend Supply to Gate Mounting Location - Previous Electrician has already wired from consumer unit to external box - Extend from this box in SWA to Gate Location Only</span>			
This installation has been carried out in accordance with BS 7671:2018 (IET Wiring Regulations), amended to		2022	Records Available Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Details of departures from BS 7671:2018 (Regulations 120.3, 133.5). See page(s)		N/A	Date of original installation
2020			
<b>Comments on the existing installation:</b>			
Generally Good For Continued Service			
Details of permitted exception (Regulation 411.3.3) Where applicable, a suitable risk assessment(s) must be attached to this certificate. RCD Risk assessment attached <input type="checkbox"/>			

## PART 2 Supply Characteristics and Earthing Arrangements

Earthing Arrangements	TN-S <input type="checkbox"/> TN-C-S <input checked="" type="checkbox"/> TT <input type="checkbox"/> Other <input type="checkbox"/>	If Other please specify	
Number & Type of live conductors	AC <input checked="" type="checkbox"/> DC <input type="checkbox"/> No. of phases	1	No. of wires
2			
<b>Nature of Supply Parameters (Note: <sup>(1)</sup> by enquiry, <sup>(2)</sup> by enquiry or by measurement)</b>			
Nominal voltage, U <sub>0</sub> <sup>(1)</sup>	230	Nominal frequency, f <sup>(1)</sup>	50
Prospective fault current, I <sub>pf</sub> <sup>(2)</sup>	1.25	External loop impedance, Z <sub>e</sub> <sup>(2)</sup>	0.14
Supply Protective Device BS (EN)	LIM	Type	LIM
Rated Current	LIM	A	
No. of Additional Supplies	N/A		

## PART 3 Particulars of Installation Referred to in this Certificate

<b>Details of installation Earth Electrode</b> (where applicable) Type (e.g. rod(s), tape etc)			
Location		Electrode resistance to earth	
<b>Main Protective Conductors</b>		<b>Means of Earthing</b>	
Material	csa	(✓) or Value	
Earthling Conductor	Copper	16	
Protective Bonding Conductor	Copper	10	
<b>Main Supply Conductor</b>	Copper	25	
<b>Main Switch</b> Location	BOILER ROOM		
<b>Fuse/device rating or setting</b>	Switch	A	Voltage rating
230	V	BS(EN)	60947-3
No. of Poles	3	Current Rating	100
A			
<b>If RCD main switch:</b>	Rated residual operating current I <sub>Δn</sub>		Rated time delay
		ms	Measured operating trip time
		ms	

## Distribution board details - complete in every case

SPD Details: Type(s)*	T1 <input type="checkbox"/> T2 <input type="checkbox"/> T3† <input type="checkbox"/> N/A <input type="checkbox"/>
Location of distribution board (DB)	BOILER ROOM
DB designation	DB1
No. of ways	36

## Complete only if the distribution board is not connected directly to the origin of the installation

Overcurrent protective device for the distribution circuit:	Supply to distribution board is from	
No. of phases	BS(EN)	Type
		Rating
		A
Nominal voltage	RCD BS(EN)	Type
		Rating
		I <sub>Δn</sub>

## SCHEDULE OF CIRCUIT DETAILS

Circuit No. and Line No.	Circuit designation	Type of wiring	Ref. method :-	No. of points served	Circuit conductors csa (mm²)		Maximum disconnection time (BS 7671) (S)	Overcurrent protective devices			Breaking Capacity (kA)	BS 7671 Max. permitted value Zs Other §	RCD			
					Live (mm²)	CPC (mm²)		BS EN Number	Type No.	Rating (A)			BS EN Number	Type No.	I <sub>Δn</sub> (mA)	Rating (A)
7	GATE SUPPLY	F	D	1	4	4	0.4	60898 MCB	C	16	10	1.09	N/A	N/A	N/A	N/A

Wiring Types. A PVC/PVC, B PVC cables in metallic Conduit, C PVC cables in non-metallic Conduit, D PVC cables in metallic trunking, E PVC cables in non-metallic trunking, F PVC/SWA cables, G SWA/XPLE cables, H Mineral Insulated, MW Metal Work, FM Ferrous Metal O Other

A/A1 - Single Core PVC Cables (4D1A), A/A2 - Multicore PVC Cables (4D2A), F/F1 - Single-core armoured PVC SWA Cables (4D3A), F/F2 - PVC SWA Cables (4D4A), A/A3 - PVC Twin & Earth (4D5), O/O1 - LSF single core cables 90°C rated (4E1A), O/O2 - Multi-core LSF cables 90°C rated (4E2A), G/G1 - Single-core armoured XPLE cables or 90°C rated (4E3A), G/G2 - Multi-core armoured XPLE cables or 90°C rated (4E4A), H/H1 - MICC exposed to touch (4G1A)

\* SPD Type. Where a combined T1 + T2 or T2 + T3 device is installed, indicate by ticking both boxes.

† Where a T3 SPD is installed to a protect sensitive equipment, enter Details of Circuits, of the Schedule of Test Results. (See Section 534 of BS 7671:2018+A2:2022.)

‡ See Table 4A2 of Appendix 4 of BS 7671:2018+A2:2022.

§ Where the maximum permitted earth fault loop impedance value stated in Max Zs column is taken from a source other than the tabulated values given in Chapter 41 of BS 7671:2018+A2:2022, state the source of the data in the appropriate cell for the circuit in the change to Schedule of Circuit Details

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## Distribution board details - complete in every case

Location  
BOILER ROOM

Designation  
DB1

No. of ways  
36

No. of phases  
1

Supply polarity confirmed ☒ Phase sequence confirmed ☐

SPD: Operational status confirmed ☐ Not Applicable ☒

## Complete only if the distribution board is not connected directly to the origin of the installation

Associated RCD (if any):  
BS (EN)

$Z_{db}$    $\Omega$  Operating at  $I_{\Delta n}$   ms

$I_{pf}$   kA No. of poles

Time delay (if applicable)

## SCHEDULE OF TEST RESULTS

Circuit No. and Line No.	Circuit impedance (Ω)						Insulation resistance (record lower reading)			Polarity	Maximum measured Zs	RCD testing	Manual test button operation		Details of circuits and / or installed equipment vulnerable to damage when testing
	Ring final circuits only (measured end to end)			Figure 8 check	All circuits to be completed using R1 R2 or R2, not both		Test Voltage	L/L, L/N	L/E, N/E			All RCDs IΔn ms	RCD	AFDD	
r1	rn	r2	(✓)	R1 + R2	R2	V	(MΩ)	(MΩ)	(✓)	(Ω)		(✓)	(✓)		
7	N/A	N/A	N/A	N/A	0.70	N/A	250	>299	>299	✓	0.84		✓	N/A	
				N/A						N/A			N/A	N/A	

Test instrument serial number(s)  
Multifunction: 18091173 E/Electrode: 18091173 RCD: 18091173  
Loop imp: 18091173 Cont: 18091173 Insul res: 18091173

Date(s) dead testing from 12/12/2022 To 12/12/2022  
Date(s) live testing from 12/12/2022 To 12/12/2022

Inspector Name: Simon Hammond  
Position: Electrician  
Reviewed By Date: 12/12/2022

Signature:

## PART 4 Declaration

I, being the person responsible for design, construction, inspection and testing of the electrical installation (as indicated by my signature below), particulars of which are described in Section 2, having exercised reasonable skill and care when carrying out the design, construction, inspection and test hereby CERTIFY that the design, construction, inspection and test for which I have been responsible is to the best of my knowledge and belief in accordance with BS 7671:2018 amended to 2022

except for the departures, if any, listed in Section 1. The extent of liability of the signatory or the signatures is limited to work described in Section 1 of this certificate.

Company: Andrews' Building Contractors Ltd  
Inspector Name: Simon Hammond  
Address: Casa Blanca, Lower Penns Road, Paignton, TQ3 1JE  
Reviewed By: Simon Hammond  
Reviewed By Date: 20/12/2022

Signature:   
Position: Electrician  
Date: 12/12/2022  
Scheme No.:  Branch No.: 001  
Reviewed By:   
Reviewed By Date:

NEXT INSPECTION: I recommend that this installation is further inspected and tested after an interval of not more than 10 years or on change of occupancy.

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### Guidance for recipients:

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 (the IET Wiring Regulations).

You should have received an original Certificate and the contractor should have retained a duplicate.

If you were the person ordering this work, but not the owner of the installation, you should pass this Certificate, or a copy of it, to the owner.

Separate Certificate(s) should be received for each existing circuit on which the minor works have been carried out or each new single circuit.

This Certificate is not appropriate if you have requested the contractor to undertake more extensive installation work, for which you should have received an Electrical Installation Certificate.

The original Certificate is to 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 minor electrical or circuit installation work carried out complied with the requirements of BS 7671 at the time the Certificate was issued.

For safety reasons, the electrical installation will need to be re-inspected at appropriate intervals by a skilled person or persons, competent in such work.

If this work is domestic and notifiable you should also receive a 'Compliance with Building Regulations Declaration' within 30 days of the electrical installation being completed

(For additions or alterations) cables concealed within trunking and conduits, or cables or conduits concealed under floors, in roof spaces and generally within the fabric of the building or underground may not have been inspected unless specifically agreed between the client and the inspector prior to the 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 included in the 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.