

Minor Electrical Installation Works Certificate

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

Information for recipients:

This safety Certificate for Minor Works 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, immediately to the owner. Separate Certificate(s) should be received for each existing circuit on which the minor works have been carried out.

The 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 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 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.

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 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.

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FT/MWM

3486000001891

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To be used only for minor electrical work which does not
include the provision of a new circuit

PART 1: Description of the Minor Works

1) Details of the Client	WESSEX RFCA	Date minor works completed	24/04/2023
2) Installation Location / Address			
Installation	WESSEX RFCA - LOOE PLATOON		
Address	LOOE PLATOON, SUNRISING ESTATE LOOE, CORNWALL		
Postcode	PL13 1NA		
3) Description of minor works			
CARRY OUT AND COMPLETION OF C3 DEVIATIONS PREVIOUSLY NOTED ON EICR NO 3486000001574 DATED 15-7-2022. [DETAIL BELOW OF DEVIATIONS CORRECTED] 1. VARIOUS SOCKETS AROUND THE BUILDING ARE SHOWING SIGNS OF AGE, WEAR & TEAR AND CAUSING VARIABLE ZS [EARTH READINGS] – REPLACEMENT SOCKETS RECOMMENDED [C3] 2. RCD SOCKET ADJACENT DOOR IS SUPPLIED VIA A 10A OVERCURRENT DEVICE WHICH MAY CAUSE TRIPPING TO OCCUR IF A LARGE CURRENT DEVICE IS PLUGGED INTO IT. ALSO DOES NOT NEED TO BE AN RCD SOCKET AS CIRCUIT IS PROTECTED BY A 30mA RCD – REPLACE WITH STANDARD WHITE TWIN SOCKET AND LABEL INDICATING 10A ONLY. [C3] 3. INTUMESCENT FILLER REQUIRED AT CABLE ENTRY POINTS INTO THE DISTRIBUTION BOARD [C3] 4. EXTERIOR FLOODLIGHT TOWARDS MAIN GATE NOT SUPPORTED CORRECTLY – SUPPORT [C3]			
4) Details of departures if any from BS 7671:2018+A2:2022 for the circuit altered or extended (Regulation 120.3, 133.1.3, 133.5) Details of permitted exceptions (Regulation 411.3.3) Where applicable, a risk assessment(s) must be attached to the Certificate			
NONE			
<input type="checkbox"/> Risk Assessment attached			
5) Comments on (including any defects observed in) the existing installation (Regulation 644.1.2): NO DEVIATIONS PRESENT - INSTALLATION COVERED UNDER CURRENT SATISFACTORY EICR 3486000001574 DATED 15-7-2022.			

PART 2: Presence and adequacy of installation earthing and bonding arrangements (Regulation 132.16)

1) System earthing arrangement	TN-S <input type="checkbox"/>	TN-C-S <input checked="" type="checkbox"/>	TT <input type="checkbox"/>	2) Earth fault loop impedance at distribution board (Z_{db}) supplying the final circuit	0.06 Ω
3) Presence of adequate main protective conductors	Earthing conductor <input checked="" type="checkbox"/>				
Main protective bonding conductor(s) to	Water <input checked="" type="checkbox"/>	Gas <input checked="" type="checkbox"/>	Oil <input checked="" type="checkbox"/>	Structural steel <input checked="" type="checkbox"/>	Other (Specify) <input checked="" type="checkbox"/>

PART 3: Circuit details

Installation Reference Method					
DB Reference No.	DB1	DB location and type	CLEANERS CUPBOARD		
Circuit No.	VARIOUS	Circuit description	VARIOUS		
Conductor sizes:	Live	N/A mm ²	cpc	N/A mm ²	
Circuit overcurrent protective device	BS (EN)	N/A	Type	N/A	Rating N/A A
RCD	BS (EN)	N/A	Type	N/A	Rating N/A A
AFDD	BS (EN)	N/A	Type	N/A	Rated Residual Operating Current $I_{\Delta n}$ N/A mA
SPD	BS (EN)	N/A	Type	N/A	

PART 4: Test results for the circuit altered or extended (were relevant and practicable)

Protective conductor continuity	Continuity of ring final circuit conductors	Insulation resistance	RCD disconnection time at rated residual operating current ($I_{\Delta n}$)
$R_1 + R_2$ N/A Ω	L/L N/A Ω	Live-Live >99.9 M Ω	0.04 ms
or R_2 NA Ω	N/N N/A Ω	Live-Earth >99.9 M Ω	Satisfactory test button operation <input checked="" type="checkbox"/>
	cpc/cpc N/A Ω	Test Voltage 250 V	
AFDD satisfactory test button operation <input checked="" type="checkbox"/>	SPD Functionality Confirmed <input checked="" type="checkbox"/>	Polarity satisfactory <input checked="" type="checkbox"/>	Maximum Measured Earth fault loop impedance Z_s 0.64 Ω
Test instruments (serial numbers) used:			
Earth fault loop impedance N10140	RCD	N10140	Continuity N10140
Insulation resistance N10140	Multi-function		Other

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PART 5: Declaration

I certify that the work covered by the certificate does not impair the safety of the existing installation and the work has been designed, constructed, inspected and tested in accordance with BS 7671:2018+A2:2022 (IET Wiring Regulations) amended to 2022 and that to the best of my knowledge and belief at the time of my inspection complied with BS 7671 except as detailed in PART 1 above.

Company	Technical Electrical Engineering Ltd t/a Mr Electric
Inspector Name	Ken Whitehead
Address	Wheal Kitty Studios, Wheal Kitty, St Agnes, TR5 0RD

Signature	
Position	Technician
Date	24/04/2023
Scheme No.	019875
Branch No.	

Reviewed by the Qualified Supervisor

Reviewed By	Steve Creese
Reviewed By Date	25/04/2023

Reviewed By Signature	
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