

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with BS 7671: 2018+A2:2022 – Requirements for Electrical Installations
To be used only for minor work that does not include the provision of a new circuit

PART 1 : DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

DETAILS OF THE CONTRACTOR

Trading Title: M. R. Electrical
Address: 25 Harbour Avenue, Comberton, Cambridgeshire
Postcode: CB23 7DD Tel No: 07977301637

DETAILS OF THE CLIENT

Contractor Reference Number (CRN): N/A
Name: Lionel Ginsberg
Address: 49 North Road, Whittlesford, Cambridge, Cambridgeshire
Postcode: CB22 4NZ Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: N/A
UPRN: N/A
Address: St Mary & St Andrew Church, Church Lane, Whittlesford, Cambridge
Postcode: CB22 4NX Tel No: N/A

PART 2 : DETAILS OF THE MINOR WORKS, SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Description of Minor Works: Install external path lights
Date completed: 28/07/2023 System type and earthing arrangements (e.g. TN-C-S / TN-S / TT): N/A Z_s at Distribution Board / Consumer Unit supplying the final circuit: (0.64) Ω
Presence of adequate main protective conductors Earthing conductor: (✓) Protective bonding conductor(s) to Water: (✓) Gas (N/A) Oil (N/A) Other (state) N/A
Comments on existing installation (see Reg. 644.1.2): Unable to determine system type. No surge protection. Page No: (N/A)
Details of any departures from BS 7671: 2018, as amended to 2022 (date) for the circuit altered or extended (Regulation 120.3, 133.1.3 & 133.5): N/A
Details of permitted exceptions (Regulation 411.3.3): N/A Where applicable, risk assessment attached: (N/A)

PART 3 : CIRCUIT DETAILS

DB/Consumer Unit: Ref No DB 2 Location and type: Rear classroom (MEM 6 way)

Circuit Description and Ref No: Circuit 3L3, kitchen sockets Installation reference method: B, D Number of conductors: (3) Csa of conductors Live: (2.5) mm² cpc: (1.5) mm²
Overcurrent protection device BS EN: 61009 Type: B Rating: 32 (A) RCD BS EN: 61009 Type: A Rating: 32 (A) AFDD BS EN: N/A Type: N/A Rating: (A) SPD BS EN: N/A Type: N/A

PART 4 : TEST RESULTS FOR THE CIRCUIT ALTERED OR EXTENDED**

Continuity Protective conductor ($R_1 + R_2$): (0.20) Ω or R_2 : (N/A) Ω
Ring final circuit (loop values) L/L: (N/A) Ω N/N: (N/A) Ω cpc/cpc: (N/A) Ω
Insulation Resistance*** L/L: (500) M Ω L/E: (500) M Ω Test voltage: (500) V
*** Where an agreed limitation is used provide details on a separate page and append to the certificate.
Polarity Satisfactory: (✓) Maximum measured earth fault loop impedance Z_s (0.79) Ω
Circuit protective devices functionality checks
RCD test button operation satisfactory: (✓) AFDD test button operation satisfactory (where provided): (N/A)
RCD disconnection time at $I_{\Delta n}$: (80.9) ms SPD functionality confirmed (where indicator is provided): (N/A)
Test Instrument Multifunction: (3956013) Other(s) (state): (N/A)
(insert serial numbers) (N/A) (N/A)

PART 5 : DECLARATION

I CERTIFY that the work covered by this certificate does not impair the safety of the existing installation and that the work has been designed, constructed, inspected and tested in accordance with BS 7671: 2018, amended to 2022 (date) and that to the best of my knowledge and belief, at the time of my inspection, complied with BS 7671: 2018+A2:2022 except as detailed in PART 2 of this certificate.

Name (capitals): MARSHALL WRIGHT
Signature: [Signature] for and on behalf of the Contractor identified in PART 1 of this Certificate
Position: QS Date: 07/08/2023

The results of the inspection and testing reviewed by the Qualified Supervisor

Name (capitals): MARSHALL WRIGHT
Signature: [Signature] Date: 07/08/2023

**where relevant and practicable

NOTES FOR RECIPIENT

THIS SAFETY CERTIFICATE IS AN IMPORTANT AND VALUABLE DOCUMENT, WHICH SHOULD BE RETAINED FOR FUTURE REFERENCE

This safety certificate has been issued to confirm that the minor 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 minor electrical installation works complied with the requirements of *BS 7671: 2018+A2:2022* at the time the certificate was issued.

For safety reasons, the complete electrical installation, including the minor electrical installation works that is the subject of this certificate, will need to be inspected and tested at appropriate intervals by a skilled person or persons, competent in such work.

The Minor Electrical Installation Works Certificate is intended to be used only for an addition or alteration to an existing circuit that does not extend to the provision of a new circuit. Examples include the addition of a socket-outlet or a lighting point to an existing circuit, or the replacement or relocation of a light switch. This certificate may also be used for the replacement of equipment such as accessories or luminaires, but not for the replacement of distribution boards, consumer units or similar items. This certificate would be considered by NICEIC to be invalid if you requested the contractor to undertake more extensive work, for which an Electrical Installation Certificate should have been issued. A separate certificate should have been received for each existing circuit on which minor works have been carried out.

Where the installation incorporates a residual current device (RCD) it should be tested every six months. **For safety reasons it is important that this instruction is followed.**

The test is a functional test involving the pressing of a button marked 'T' or 'Test'. The device should switch off the supply and once reset, restore the supply. If the device does not switch off the supply when the button is pressed, seek expert advice.

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.

PART 4 of the certificate is intended to facilitate the recording of information associated with the testing of the modified circuit, and the related parts of the existing installation on which the modified circuit depends for its safety. Generally, each field should have been completed to confirm the results of a particular test by insertion of a measured value or a '✓'. Where a particular test was not relevant this should have been indicated by 'N/A', meaning 'Not Applicable'.

Additionally and where the installation includes alternative or additional sources of supply, warning notices should be found at the origin or meter position, if remote from the origin, at the consumer unit or distribution board and at all points of isolation of all sources of supply.

Should the person ordering the work (e.g. the client, as identified on this certificate), have reason to believe that any element of the work for which the contractor has accepted responsibility (as indicated by the signature on this certificate) does not comply with the requirements of *BS 7671: 2018+A2:2022*, the client should raise the specific concerns in writing with the contractor.