

**Reference Number:**

AJS MINOR 411

# MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

(REQUIREMENTS FOR ELECTRICAL INSTALLATIONS - BS7671 (IET WIRING REGULATIONS))

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

## Details of the Minor Works

1

|  |                            |   |                               |
|--|----------------------------|---|-------------------------------|
| Description of the minor works<br>To replace existing floodlights with new LED floodlights within the front of the nave and choir area.  |                            | Location/Address:<br>St Marks Church,<br>Basford Park Road,<br>Newcastle,<br>Staffordshire<br>ST5 0PG |                               |
| Job Reference: -   | Date completed: 19/04/2021 | Client: Mr Nick Atkins,   |                               |
| Details of departures, if any, from BS7671: NONE   |                            |   |                               |
| Comments on existing installation (including any defects observed):<br>Some loose connections were found within the distribution board and on the main switch and these have been rectified. |                            |   | Risk Assessment attached: N/A |

## Installation & Circuit Details

2

|   |  |  |                              |
|---|--|--|------------------------------|
| System Earthing arrangement: TN-S                 | Zdb: 0.24 Ω  |  |                              |
| DB reference: DB 2                                | Bonded services - Water: <input checked="" type="checkbox"/> | Gas: <input checked="" type="checkbox"/> | Oil: N/A Structural steel: - |
| DB location & type: Organ Pump Area - North Aisle | Circuit no. & description: Circuit 7 - Chancel Lighting      |  |                              |
| Protective Device: BS(EN): 60898                  | Type: C  | Rating: 6                                | A Manufacturer: Crabtree     |
| Cable Type: H - MICC cables                       | Live csa: 1.5 mm <sup>2</sup>                                | cpc csa: micc mm <sup>2</sup>            |                              |
| Installation Method: C - Clipped direct           |  | Maximum Z <sub>s</sub> : 2.9133 Ω        |                              |

## Test Results

3

|  |                                    |   |  |
|--|------------------------------------|---|--|
| <input checked="" type="checkbox"/> Presence of adequate main earthing conductor | Ring continuity: Line: - Ω         | Insulation Resistance: Line/Neutral: LIM MΩ | RCD (where fitted): Test button operation: N/A |
| <input checked="" type="checkbox"/> Polarity check                               | Neutral: - Ω                       | Line/Earth: 170 MΩ                          | Operating current: - mA                        |
|  | Cpc: - Ω                           | Neutral/Earth: 170 MΩ                       | Operating time at I <sub>Δn</sub> : - ms       |
|  |                                    | Line/Line: - MΩ                             | Operating time at 5I <sub>Δn</sub> : - ms      |
|  | Circuit Resistance: R1 + R2 1.05 Ω | or R2: - Ω                                  | Earth fault loop impedance: 0.71 Ω             |

## Declaration

4

I/We CERTIFY that the said works do not impair the safety of the existing installation, that the said works have been designed, constructed, inspected and tested in accordance with BS7671:2018 (IET Wiring Regulations), amended to 2018 (date) and that the said works, to the best of my/our knowledge and belief, at the time of my/our inspection, complied with BS7671 except as detailed in part 1 above.

|   |                              |                                |
|---|------------------------------|--------------------------------|
| Company and Address including postcode:<br>Anthony J Smith (Gloucester) Ltd,<br>34 Uppermills Estate,<br>Bristol Road,<br>Stonehouse,<br>GL10 2BJ |                              | Name: CHE POLLEY               |
|   |                              | Position: QUALIFIED SUPERVISOR |
|   |                              | Date: 06/05/2021               |
| CPS Provider: NICEIC  |                              |                                |
| CPS Registration No: 010621   | Signature: <i>Che Polley</i> |                                |

## MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE GUIDANCE FOR RECIPIENTS

**This 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 British Standard 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 the work, but not the owner of the installation, you should pass this Certificate, or a copy of it, to the owner. A separate Certificate should have been received for each existing circuit on which minor works have been carried out. This Certificate is not appropriate if you requested the contractor to undertake more extensive installation work, for which you should have received an Electrical Installation Certificate.**

**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 minor electrical installation work carried out complied with the requirements of British Standard 7671 at the time the Certificate was issued.**