

# MINOR ELECTRICAL INSTALLATION WORKS

Requirements For Electrical Installations - BS 7671 IET Wiring Regulations  
To be used only for minor electrical work which does not include the provision of a new circuit

WARWICK  
THE UNIVERSITY OF WARWICK

Certificate Reference: 69405 - 3

## 1 DESCRIPTION OF THE MINOR WORKS

|                 |   |                       |  |
|-----------------|---|-----------------------|--|
| Client address: | University of Warwick - Estates - Maintenance<br>Argent Court, Sir William Lyons Road,<br>Coventry, West Midlands , CV4 7JL | Installation address: | University of Warwick<br>Cryfield Cottage 4, Gibbet Hill Road, Coventry,<br>West Midlands, CV4 7AL |
|-----------------|---|-----------------------|--|

Description of the minor works:  
No SPD's or AFDD's within the installation - Recommendation noted, no further action. No danger/compliant at the time of installation with previous version of IEE regulations

Details of departures, if any, from BS 7671:2018 for the circuit altered or extended (Regulation 120.3, 133.1.3 and 133.5):  
Where applicable, a suitable risk assessment(s) must be attached to the Certificate.

None

Date minor works completed: 08/04/2021 Risk assessment attached: N/A

Comments on (including any defects observed in) the existing installation (Regulation 644.1.2):  
None

## 2 PRESENCE AND ADEQUACY OF INSTALLATION EARTHING AND BONDING ARRANGEMENTS

|   |  |                                     |      |                                     |     |     |                  |     |        |     |
|---|--|-------------------------------------|------|-------------------------------------|-----|-----|------------------|-----|--------|-----|
| System type and earthing arrangements:  | TN-C-S   | N/A                                 | TN-S | <input checked="" type="checkbox"/> | TT  | N/A |                  |     |        |     |
| Earth fault loop impedance at distribution board (Zdb) supplying the final circuit: | 0.14 $\Omega$  |                                     |      |                                     |     |     |                  |     |        |     |
| 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 | N/A | Structural Steel | N/A | Other: | N/A |

## 3 CIRCUIT DETAILS

|  |          |                         |                  |       |         |                 |      |     |                 |
|--|----------|-------------------------|------------------|-------|---------|-----------------|------|-----|-----------------|
| D.B. Designation:                                | ---      | D.B. Location and Type: | ---              |       |         |                 |      |     |                 |
| Circuit Number:                                  | ---      | Circuit Description:    | ---              |       |         |                 |      |     |                 |
| Circuit overcurrent protective device:           | BS (EN): | ---                     | Type:            | ---   | Rating: | ---             | A    |     |                 |
| Maximum disconnection time permitted by BS 7671: | ---      | s                       | Conductor sizes: | Live: | ---     | mm <sup>2</sup> | cpc: | --- | mm <sup>2</sup> |

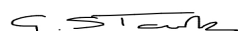
## 4 TEST RESULTS FOR THE CIRCUIT ALTERED OR EXTENDED

|   |              |  |                     |                     |     |                                     |          |     |          |
|---|--------------|--|---------------------|---------------------|-----|-------------------------------------|----------|-----|----------|
| Protective conductor continuity:                                      | R1 + R2:     | ---  | $\Omega$            | or R <sub>2</sub> : | --- | $\Omega$                            |          |     |          |
| Continuity of ring final circuit conductors:                          | L/L:         | ---  | $\Omega$            | N/N:                | --- | $\Omega$                            | cpc/cpc: | --- | $\Omega$ |
| Insulation resistance:  | Live - Live: | ---  | >M $\Omega$         | Live - Earth:       | --- | M $\Omega$                          |          |     |          |
| Polarity satisfactory:  | N/A          | Maximum measured earth fault loop impedance, Zs: | ---                 | $\Omega$            |     |                                     |          |     |          |
| RCD operation: Rated residual operating current (I <sub>n</sub> ):    | ---          | mA   | Disconnection time: | ---                 | ms  | Satisfactory test button operation: | N/A      |     |          |
| Details of Test Instruments used (state serial and/or asset numbers): |              |  |                     |                     |     |                                     |          |     |          |
| Multi-functional:   | N/A          | Earth electrode resistance:                      | N/A                 |                     |     |                                     |          |     |          |
| Insulation resistance:  | N/A          | Earth fault loop impedance:                      | N/A                 |                     |     |                                     |          |     |          |
| Continuity:   | N/A          | RCD:   | N/A                 |                     |     |                                     |          |     |          |

## 5 DECLARATION

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 BS 7671:2018 (IET Wiring Regulations), amended to 2020, and that the said works, to the best of my/our knowledge and belief, at the time of my/our inspection, complied with BS 7671 except as detailed in Section 1 above.

|                |   |                                      |              |
|----------------|---|--------------------------------------|--------------|
| Trading Title: | University of Warwick   |                                      |              |
| Address:       | Estates - Maintenance - Electrical<br>Estates Compound, Behind Boiler House<br>Off Lord Bhattacharyya Way, Coventry, West Midlands<br>Postcode: CV4 7AL | Registration Number (if applicable): | N/A          |
|                |   | Telephone Number:                    | 07832 632111 |

Name: Gavin Starkey Position: Electrical Supervisor Signature:  Date: 08/04/2021

## **MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE GUIDANCE FOR RECIPIENTS**

**(to be appended to the Certificate)**

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.

The 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.