

# National Rules for Electrical Installations Completion Certificate for an Installation with a Maximum Import Capacity < 50kVA



†MPRN No. 10112812802

AR **1295881**

CUSTOMER NAME (Block Capitals): IRISH WATER

ADDRESS OF INSTALLATION (Block Capitals): TINAHELY WWTP  
TINAHELY Co WICKLOW

PREMISES DESCRIPTION (E.G. SHOP, DOMESTIC, AGRICULTURAL, ETC.): INDUSTRIAL

Date of Installation 16-7-19

✓ Tick boxes as appropriate:

THIS CERTIFICATE IS IN RESPECT OF: CONSTRUCTION & TEST OF INSTALLATION ☐ OR TEST ONLY OF THE EXISTING INSTALLATION ☒

TYPE OF INSTALLATION: New ☐ Reconnection ☐ Alteration ☒ Temporary supply ☐ Other ☐†

NUMBER OF: Lighting Points 5 Socket Outlets      Fixed Appliance Outlets 4

## TEST RESULTS

POLARITY AND EARTHING OF ALL

OUTLETS VERIFIED (A TICK INDICATES YES) ☒

MAIN EQUIPOTENTIAL

BONDING VERIFIED FOR: ☐

|                         | YES                                 | NA †                     |
|-------------------------|-------------------------------------|--------------------------|
| GAS                     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| WATER                   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| OTHER (specify details) | <u>EARTH</u>                        | <u>RCD</u>               |

|                                            |                                                                   |               |
|--------------------------------------------|-------------------------------------------------------------------|---------------|
| Record the value obtained in either 1 or 2 | 1. MAXIMUM RESISTANCE OF PHASE AND PROTECTIVE CONDUCTOR (Rp + Re) | <u>0.09</u> Ω |
|                                            | 2. MAXIMUM RESISTANCE OF PROTECTIVE CONDUCTOR Re                  | <u>0.46</u> Ω |

INSULATION RESISTANCE 3999 MΩ (min)

DETAILS OF TESTS ETC., ARE GIVEN IN TEST RECORD SHEET NO. 486026

† See Chapter 63 "National Rules (ET101)"

Associate Sub System Certificate Numbers Yes\* ☐ No ☐

† NA means Not Applicable

\*See comment box for details

## ALL NEW WORK MUST BE CERTIFIED IN RESPECT OF CONSTRUCTION & TESTING

COMMENT OR DETAILS:

Relocate Meter Box ON  
OTHER WALL  
CABLED TEL No 087 6799940

REGISTERED CONTRACTOR (Block Capitals)

Name: CSL  
Address: DEER PARK BUSINESS CENTRE  
DUBLIN Rd Co CARLOW  
Tel: 059 9143466 Safe Electric Reg No. A4715

## CERTIFICATION

I certify that the electrical installation at the above address has been constructed, and/or pre-connection tests have been carried out, in accordance with the National Rules for Electrical Installations (current issue at date of contract) and has been found to be satisfactory. Test Record Sheets are held by me.

PRE-CONNECTION Pre-connection tests completed and found to be satisfactory

Signed: Seamus Byrne For Electrical Installation: Constructor ☐ Tester ☒  
Qualification: ELECTRICIAN Certifier's No. 10033/112023 Date: 16-7-19

MAX FAULT LOOP IMPEDANCE 0.459 Ω

RATING & TYPE OF THE ASSOCIATED PROTECTIVE DEVICE

MCB B 6np

OPERATION OF ALL RCDs VERIFIED YES

RCD Circuit Description

N.B. THESE TESTS MUST BE COMPLETED IMMEDIATELY AFTER SUPPLY IS MADE AVAILABLE

Insert the I<sub>n</sub> value of the RCD (mA)

30 mA

Max Trip Time of RCD 1 x I<sub>n</sub> 39.9 ms

Max Trip Time of RCD 5 x I<sub>n</sub> 183 ms

POST-CONNECTION Post connection tests completed and found to be satisfactory

Signed: Seamus Byrne For Electrical Installation: Constructor ☐ Tester ☒  
Qualification: ELECTRICIAN Certifier's No. 10033/112023 Date: 16-7-19

NOTE: This certificate is issued and signed by the person responsible for the constructing and testing, or testing only of the installation or a person duly authorised. This certificate should be used only for installations with a maximum import capacity < 50kVA. A different certificate is required for other installations.

This Document is a certificate for the purpose of the Energy (Miscellaneous Provisions) Act 2006.

The CER or Safe Electric are not responsible for the electrical installation or for the accuracy of the information given on this certificate. Electrical installations should be inspected periodically.

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**POST-CONNECTION TEST TO SAFE ELECTRIC**