

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



†MPRN No. 10013769452

AR 1295884

CUSTOMER NAME (Block Capitals): IRISH WATER

ADDRESS OF INSTALLATION (Block Capitals): LARACH W WTP

Co Wicklow

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

Date of Installation 12-9-19

✓ 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 3 Socket Outlets 2 Fixed Appliance Outlets

TEST RESULTS POLARITY AND EARTHING OF ALL MAIN EQUIPOTENTIAL OUTLETS VERIFIED (A TICK INDICATES YES)  BONDING VERIFIED FOR: YES  NA

	YES	NA
GAS	<input type="checkbox"/>	<input checked="" type="checkbox"/>
WATER	<input type="checkbox"/>	<input checked="" type="checkbox"/>
OTHER (specify see details)	<u>EARTH</u>	<u>ROD</u>

Record the value obtained in either 1 or 2: 1. MAXIMUM RESISTANCE OF PHASE AND PROTECTIVE CONDUCTOR (R<sub>p</sub> + R<sub>n</sub>) 0.03 Ω INSULATION RESISTANCE >999 MΩ (min)

DETAILS OF TESTS ETC., ARE GIVEN IN TEST RECORD SHEET NO. 486034

† 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 ISB FROM INSIDE SWITCHROOM TO OUTSIDE  
CARETAKER BRAN BYRNE 087915006

REGISTERED CONTRACTOR (Block Capitals)  
Name: CSL  
Address: DEER PARK BUSINESS COMPLEX  
DUBLIN RD, CO CARLOW  
Tel: 051 9142466 Safe Electric Reg No. A6715

## 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: 1295884 Certifier's No. 1003/112025 Date: 12-9-19

MAX FAULT LOOP IMPEDANCE 0.61 Ω → RATING & TYPE OF THE ASSOCIATED PROTECTIVE DEVICE MCB 510Amp  
OPERATION OF ALL RCDS VERIFIED YES  
N.B. THESE TESTS MUST BE COMPLETED IMMEDIATELY AFTER SUPPLY IS MADE AVAILABLE. Insert the I<sub>n</sub> value of the RCD (mA) 20 mA  
Max Trip Time of RCD 1 x I<sub>n</sub> 32.4 ms  
Max Trip Time of RCD 5 x I<sub>n</sub> 10.8 ms

POST-CONNECTION Post-connection tests completed and found to be satisfactory  
Signed: Seamus Byrne For Electrical Installation: Constructor  Tester   
Qualification: 1295884 Certifier's No. 1003/112025 Date: 12-9-19

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 Provision) 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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