ELECTRICAL CERTIFICATE OF COMPLIANCE & ELECTRICAL SAFETY CERTIFICATE

REFERENCE/CERTIFICATE ID NO.: 03858 Dargaville WWTP Inlet Screen

This form has been designed to be used by licensed electrical workers to certify that installations or Part installations under **Part 1 or Part 2 of AS/NZS 3000** are safe to be connected to the **specified** system of electrical supply.

McKay

Location Details: Dargaville WWTP Inlet Screen

Contact-Details: (Name and Address) United Civil

Name of Electrical worker: Brian Firth

Registration/Practising licence number: I 090285

Phone & Email: 027 355 2248 Brian.firth@mckay.co.nz

Name & registration number of person(s) supervised:

Certificate of Compliance Type of Work: [Y] Additional [ ] Alteration [ ] New Work [ ] Repair

The prescribed electrical work is: [ ] Low Risk [Y] General [ ] High-risk (Specify)

Means of Compliance: [ ] Part 1 of AS/NZS 3000 [Y] Part 2 of AS/NZS 3000

Additional Standards or electrical code of practice were required: Y/N [N] (if Yes, Specify)

Date or Date Range that prescribed electrical was undertaken: 07/08/2026

Contains fittings that are safe to connect to a power supply? Y/N [Y]

Specify type of supply system: MEN system - 230v

The installation has an earthing system that is correctly rated (where applicable) Y/N [Y]

Parts of the installation to which this certificate relates that are safe to connect to a power supply?

[N] All [Y] Parts (Specify) Supply to inlet screen control cabinet

The work has been done in accordance with a certified design: Y/N [N]

If yes identify the certified design including name, date and version. Also attach a copy of the certified design to this certificate. (Or provide reference to readily accessible electronic format, eg Internet link.)

Identify:
Link:

The work relies on manufacturer's instructions: Y/N [N]

If yes identify the instruction manual including name, date and version. Also attach a copy of manufacturers instructions to this certificate. (Or provide reference to readily accessible electronic format, eg Internet link.)

Identify:
Link:

The work relies on a Supplier Declaration of Conformity (SDoC): Y/N [N]

If yes - identify the SDoC including name, date and version OR EESS registration. Also attach a copy of the SDoC to this certificate. (Or provide reference to r eadily accessible electronic format, eg Internet link.)

Identify:
Link:

The installation has been satisfactorily tested in accordance with the Electricity (Safety) Regulations 2010 Y/N [Y]

Description of Work:

Add 3-phase circuit to MEN switchboard:

C20 MCB. 110m of 6mm 4c+E circ TPS. Via underground duct, then trunking and tray into outdoor controls cabinet (by others).

EFLI at the MEN switchboard is 0.14 ohms with PSCC 1.7 kA.

EFLI at the control cabinet is 1.01 ohms with PSCC 0.23 kA.

Test Results (Provide Values)		
Polarity (Independent earth):	Correct	
Insulation resistance:	> 999	M-Ohms
Earth continuity:	0.5	Ohms
Bonding:	0.02	Ohms
Fault Loop impedance:	1.01	Ohms
PSCC	0.23	kA
Other (Specify)		

By signing this document, I certify that the completed prescribed electrical work to which this Certificate of Compliance applies has been done lawfully and safely, and the information in the certificate is correct.

Certifiers signature: Brian Firth **Date:** 07/08/2026

Electrical Safety Certificate

By signing this document I certify that the installation, or part of the installation, to which this Electrical Safety Certificate applies is connected to a power supply and is safe to use.

Certifiers name: Brian Firth

Registration/Practising licence number: I 090285

Certifiers signature: Brian Firth

Certificate Issue Date: 07/08/2026

Connection Date: 07/08/2026

CUSTOMER COPY - THIS IS AN IMPORTANT DOCUMENT AND SHOULD BE RETAINED FOR A MINIMUM OF 7 YEARS

This Electrical Safety Certificate also confirms that the electrical work complies with the building code for the purposes of Section 19(1)(e) of the Building Act 2004.