

**CONNEXIS**  
INFRASTRUCTURE TRAINING

NEW ZEALAND CERTIFICATE

LEVEL 5

# *Power Technician*

**NZC**

NZQA #3535-2

135 CREDITS

24 CREDITS



**Enrol Now**

CALL US: 0800 486 626  
askus@connexis.org.nz  
connexis.org.nz



CIVIL ENERGY TELCO WATER

# NZC *Power Technician*



**Power up with this high-level electricity supply qualification.**

**This qualification includes applying power engineering, protection theory and power system principles.**

## WHAT YOU'LL LEARN

- Applying power engineering, protection theory and power system principles.
- Using theory, codes, legislation, and industry procedures for wiring, testing and commissioning of Energy Industry assets.
- Ensuring health and safety requirements are met while completing work.

## HOW THE COURSE IS DELIVERED

This programme is assessed on-job and off-job and is completed through workbooks, and by attending block courses through a provider.

## ENTRY REQUIREMENTS

The learner must be employed in the electricity supply industry and exposed to the relevant skills covered.

## TRAINING PATHWAYS

Graduates can progress to the New Zealand Diploma in Engineering with strands in Civil Engineering, Electrical Engineering, Electronic Engineering, and Mechanical Engineering, New Zealand Diploma in Engineering Practice (Level 6).

**Contact us now to enrol**

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# Programme Structure

The structure of this programme features four off-job compulsory modules and two on-job compulsory modules, including capstone assessment.

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## **Year One, Semester One – Off-job**

Demonstrate knowledge of electrical principles in power engineering

Demonstrate knowledge of power engineering mathematics

## **Year One, Semester Two – Off-job**

Demonstrate knowledge of power protection and control networks

## **Year Two, Semester One – Off-job**

Demonstrate knowledge of power engineering

Demonstrate and apply knowledge of power system protection in the electricity supply industry

## **Year Two, Semester Two – Off-job**

Demonstrate knowledge of electrical power system engineering

## **On-job Standard**

Carry out acceptance, commissioning and maintenance tests on electricity supply plant and equipment

## **Capstone Standards**

Plan, install, and test electrical installation wiring and equipment

Demonstrate knowledge of the Electricity Act, circuit protection and compliance testing of works or installations

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