

CONNEXIS
INFRASTRUCTURE TRAINING

NEW ZEALAND DIPLOMA

LEVEL 5

Drinking-Water Treatment

NZD

NZQA #4139

120 CREDITS

22 MONTHS



Enrol Now

CALL US: 0800 486 626
askus@connexis.org.nz
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CIVIL ENERGY TELCO WATER

NZD *Drinking-Water Treatment*



Treat your team to success with this nationally recognised diploma.

WHAT YOU'LL LEARN

This programme covers:

- Managing and optimising drinking-water treatment plant operations to ensure compliance with regulatory requirements.
- Implementing, monitoring and communicating health and safety requirements for a drinking water treatment plant.

HOW THE COURSE IS DELIVERED

This programme is assessed through a combination of e-learning assessment, off-job block courses and an on-site assessment.

ENTRY REQUIREMENTS

To enrol in this programme the learner must hold the NZC in Drinking-Water Treatment (Level 4), and be working in a drinking-water treatment plant. It is recommended the learner be working in a plant operator role.

TRAINING PATHWAYS

Graduates of this qualification can progress to supervisory, management and business qualifications such as the NZ Certificate in Infrastructure Procurement Procedures (Level 6) and or the NZ Certificate in Infrastructure Asset Management (Level 6).

Contact us now to enrol

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Programme Structure

The structure of this programme features five compulsory modules and one module offering elective options.

Module 1

Manage visitors, contractors, and staff in a water or wastewater treatment plant

Module 2

Report on a water supply topic or improvement

Describe drinking-water contaminants of public health significance

Demonstrate knowledge of water safety planning

Describe the regulatory framework and support tools relevant to the management of drinking-water supplies

Module 3

Demonstrate knowledge of treated drinking-water supply processes and describe critical control points

Module 4

Manage, monitor and optimise chlorine disinfection processes for drinking-water treatment

Manage assets and operational costs for a water or wastewater treatment plant

Module 5

Choose a minimum of 27 credits, maximum of 42 credits, from the following Unit Standards

Describe the contribution of catchment characteristics to raw water quality management

Manage, monitor and optimise abstraction and pre-treatment processes for water sources of drinking-water

Manage, monitor and optimise ultraviolet (UV) disinfection processes for drinking-water treatment

Manage, monitor and optimise clarification processes for drinking-water treatment

Manage, monitor and optimise coagulation and flocculation processes for drinking-water treatment

Manage, monitor and optimise media filtration processes for drinking-water treatment

Manage, monitor and optimise membrane filtration processes for drinking-water treatment

Module 6

Assess the optimisation of a drinking-water treatment plant, and identify critical control points

