

Wastewater Treatment

NZD

NZQA #4143

120 CREDITS

22 MONTHS



Enrol Now

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CIVIL | ENERGY | TELCO | WATER

NZD *Wastewater Treatment*



Treat your team to success with this nationally recognised diploma.

WHAT YOU'LL LEARN

This programme covers:

- Managing and optimising wastewater treatment plant operations to ensure compliance with regulatory requirements.
- Implementing, monitoring and communicating health and safety requirements for a wastewater 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 Wastewater Treatment (Level 4), and be working in a wastewater 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 NZ Certificate in Infrastructure Procurement Procedures (Level 6) and or NZ Certificate in Infrastructure Asset Management (Level 6).

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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 wastewater treatment plant topic or improvement

Describe the characteristics of, and sources that affect wastewater

Demonstrate knowledge of risks and risk management in wastewater treatment plants

Module 3

Describe wastewater treatment processes, hazards, and the management of critical control points

Module 4

Interpret data to determine the effect of effluent discharge on the environment

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 and operate wastewater effluent application to land

Manage, monitor, and optimise activated sludge processes in wastewater treatment

Manage, monitor, and optimise effluent disinfection processes in wastewater treatment

Manage, monitor, and optimise oxidation pond processes in wastewater treatment

Manage, monitor, and optimise separation processes in wastewater treatment

Manage, monitor, and optimise wetlands processes in wastewater treatment

Manage, monitor, and optimise sludge treatment processes in wastewater treatment

Manage, monitor, and optimise preliminary processes in wastewater treatment

Describe wastewater reticulation system management, and management of critical control points

Module 6

Assess the optimisation of a wastewater treatment plant, and describe critical control points

