

NEW ZEALAND CERTIFICATE IN

Infrastructure Works

Level 3

🔍 NZQA #4440 | ✔️ 60 Credits | ⌚ 9 Months

Recognition of foundational skills in infrastructure operations.

connexis.org.nz





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Infrastructure Works

Level 3

This programme equips learners with the knowledge and skills required across a range of standard infrastructure worksites. This includes:

- Applying health and safety procedures during work operations.
- Following work procedures and complying with environmental quality requirements.
- Completing infrastructure work operations to the required specifications.

With the industry contexts available in this programme, learners will gain foundational skills and knowledge to complete the programme in their chosen industry area.

MODES OF DELIVERY

This programme is delivered through paper-based workbook or eLearning, and achieved through on-job learning and assessments.

ENTRY REQUIREMENTS

Must be employed in the infrastructure industry with exposure to gain the relevant skills covered.

PROGRESSION PATHWAYS

This programme builds on the New Zealand Certificate in Infrastructure Works Level 2, providing further skills for a career in infrastructure.

Once completed, learners can continue on to an available Level 4 infrastructure apprenticeship appropriate to their industry context chosen.

Programme Structure

The structure of this programme features two compulsory courses* as well as five area industry context options for the elective courses.

COMPULSORY COURSES

Safe work practices for infrastructure works

Environmental and Quality Outcomes in Infrastructure Work Operations

Industry Contexts

Industry contexts allow learners to gain foundational skills and knowledge for the chosen area, while also covering essential standards and developing skillsets.

The industry contexts and their elective courses are:

CIVIL WORKS

Working around features and services on an infrastructure worksites

Plan for and lift, move, and place loads in an infrastructure environment

Infrastructure soils, aggregates, and materials

Safety measures for asbestos-related work

Trench excavation

Pipe culverts and related structures installation

Mitigating contamination incidents at infrastructure worksites

Road vegetation maintenance

Civil works site operation

Small plant operations at infrastructure worksites

PIPELINE CONSTRUCTION & MAINTENANCE

Working around features and services on an infrastructure worksite

Plan for and lift, move, and place loads in an infrastructure environment

Infrastructure soils, aggregates, and materials

Safety measures for asbestos-related work

Trench excavation

Mitigating contamination incidents at infrastructure worksites

Wastewater or stormwater networks

Controlling pathogens and diseases in water services reticulation

Drinking-water networks

BITUMEN SURFACING

Working around features and services on an infrastructure worksite

Plan for and lift, move, and place loads in an infrastructure environment

Infrastructure soils, aggregates, and materials

Bitumen surface construction site operations

Safe handling of bituminous materials on an infrastructure worksite

Mitigating contamination incidents at infrastructure worksites

FORESTRY EARTHWORKS

Infrastructure soils, aggregates, and materials

Mitigating contamination incidents at infrastructure worksites

Introduction to forestry earthworks

Forestry earthworks job prescriptions

Work performance factors in forestry

Forestry operations health, safety, and environmental requirements

Construct culverts and structures for a forestry earthworks site

Construct forestry roads, tracks, and landings

PILING

Working around features and services on an infrastructure worksite

Plan for and lift, move, and place loads in an infrastructure environment

Infrastructure soils, aggregates, and materials

Structural foundation site operations at an infrastructure worksite

Mitigating contamination incidents at infrastructure worksites

*The courses and unit standards covered in this programme, as well as the credits and skills covered, are subject to change based on the discretion of Connexis and NZQA.



READY TO GET STARTED?

Chat to your local Customer Service
Account Manager or contact us:



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