

LEVEL 4

CIVIL ENGINEERING LABORATORY



NEW ZEALAND CERTIFICATE IN CIVIL ENGINEERING LABORATORY (With strands in Aggregate, Asphalt, Bitumen, Concrete, Field Investigations, and Soil)

NZQA REF 2692 73 - 88 credits

**THIS QUALIFICATION IS SUITABLE FOR PEOPLE WHO ARE CURRENTLY WORKING
IN A CIVIL ENGINEERING LABORATORY.**

WHO IS THIS QUALIFICATION FOR?

This is a technical qualification within a specialised area of work. It is intended for people who are either wanting to work in, or who are currently working in a civil engineering laboratory.

The purpose of this entry-level qualification is to provide the infrastructure civil engineering industry with people who have the knowledge and skills to maintain, calibrate and operate civil engineering laboratory testing equipment for the testing and sampling of materials, to ensure that materials and construction comply with industry standards and customer requirements.

WHERE CAN IT TAKE YOU?

This qualification can lead to the New Zealand Certificate in Civil Engineering Laboratory (Level 5) with strands in Aggregate, Asphalt, Bitumen, Concrete, Field Investigations, and Soil.

Graduates will be capable of operating at a technical level with limited supervision.

BENEFITS OF THIS QUALIFICATION

FOR YOU

- Formal recognition of your skills and knowledge
 - approved by industry
- Enhances your career prospects
- Earn while you learn
 - no expensive fees
 - no student loan
- Provides a springboard to further training and higher qualifications

FOR YOUR EMPLOYER

- Increased productivity
- Higher standards
 - less rework
- Greater safety awareness
- Less supervision needed
- Provides a career advancement pathway for your employees

QUALIFICATION VERSION 1
BROCHURE VERSION 1

FURTHER INFORMATION

WANT TO ENROL OR FIND OUT MORE?

CONTACT US AND WE'LL PUT YOU IN TOUCH WITH YOUR LOCAL CUSTOMER SERVICE ACCOUNT MANAGER



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HOW IS THE QUALIFICATION ACHIEVED?

This qualification will take 12 - 18 months to complete, and is mainly achieved on-job.

WHICH SKILLS DOES IT COVER?

Developed by industry, for industry this qualification represents best practice. It covers skills and knowledge including:

- **Operate, maintain and calibrate civil engineering laboratory and test equipment.**
- **Plan, prepare and conduct day-to-day civil engineering laboratory activities.**
- **Apply quality standards and material specifications to civil engineering laboratory testing activities.**
- **Quantify and validate the uncertainty in measurement in test results.**

PLUS SKILLS IN ONE OF THE FOLLOWING STRANDS:

- Aggregate
- Asphalt
- Bitumen
- Concrete
- Field Investigations
- Soil