

NEW ZEALAND CERTIFICATE IN INFRASTRUCTURE WORKS (LEVEL 2)

PURPOSE

New Zealand has embarked on a programme of major infrastructure development, many workers will be required. This programme is for people entering the civil infrastructure industry, trainees who have industry experience but without a qualification, or want to gain pre-apprenticeship training in the infrastructure works industry.

The programme aims to train people to work safely as general hands on infrastructure worksites, gain work skills and hands on training. Trainees will need to be physically fit and will be required to complete work experience on an infrastructure work site under general supervision.



**TEN
WEEKS**



**ATTENDANCE
NUMBERS**
MINIMUM **8**
MAXIMUM **15**

EDUCATION AND EMPLOYMENT PATHWAY

Graduates will likely be employed as labourers in a broad range of sectors within the infrastructure works industry in the following contexts:

- ✓ Civil Works
- ✓ Surfacing Operations
- ✓ Rural Contracting
- ✓ Underground Utilities

This entry level qualification can lead to further training toward the New Zealand Certificate in Infrastructure Works (Level 3) and/or the New Zealand Certificate in Infrastructure Works Plant and Equipment Operation (Level 3) with a strand in Specialist Plant.

PRE-REQUISITE

Pre-requisite for 20878 = 20877

Both of which will be delivered during the course.

DURATION

Ten weeks full-time.

Students will learn through a combination of eight days face-to-face training, at least 288 hours work experience, and self-directed study.

WHO SHOULD ATTEND?

This qualification is intended for people commencing a career in the infrastructure works industry. You may be new to the industry, from school or another industry, or you may be working in the infrastructure industry without a qualification.



ENTRY CRITERIA

To be eligible to enrol in this programme, applicants must:

- be aged 16 years or over
- be a New Zealand Citizen or permanent resident
- be an Australian Citizen or permanent resident currently living in New Zealand
- have access to appropriate supervised work on an infrastructure worksite to complete the relevant work experience requirements as verified by a VHNZ approved employer or supervisor
- be physically fit and able to complete manual labour
- have access to relevant tools and equipment; and
- have access to personal protective equipment relevant to an infrastructure workplace (This will be established through pre-course notification and a pre-enrolment interview).

In recognition of the fact that this is an entry level qualification and it is expected that many of the trainees will have no formal qualification and may not have completed NCEA Level 1, there is no requirement for completion of NCEA Level 1 or another academic qualification.

VHNZ will assist trainees to find work experience at a suitable site if they are unable to arrange this themselves or if they are unable to continue at an infrastructure worksite following enrolment.



TOPICS INCLUDE

On completion trainees will be able to:

- Demonstrate introductory knowledge of workplace health and safety legislation, rights and responsibilities to ensure risks and hazards are minimised in an infrastructure works environment
 - Apply standard processes relating to environmental and health and safety requirements in an infrastructure works environment under supervision.
 - Apply work safety processes and assist with traffic control on an infrastructure work site
 - Complete work records in accordance with organisational procedures and job instructions on an infrastructure work site.
 - Communicate effectively and participate in a group or team on an infrastructure works site.
 - Describe sectors and occupational areas including civil works in the New Zealand infrastructure works industry to understand and maintain industry practice.
 - Perform basic infrastructure tasks in compacting operations and small machinery as specified in job instructions and workplace requirements
 - Prepare hand tools and carry out manual excavation work under supervision in accordance with organisational procedure
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Trainees must complete the following compulsory unit standards for 40 credits including at least 288 hours relevant work experience.

COMPULSORY UNIT STANDARDS

UNIT STANDARD	TITLE	CREDITS	LEVEL	VERSION
31941	Demonstrate knowledge of emergency response in the infrastructure work industry	3	2	1
26720	Describe health, safety, and environmental care at an infrastructure works site	3	2	2
20868	Demonstrate knowledge of emergency response in the infrastructure works industry	3	2	2
497	Demonstrate knowledge of workplace health and safety requirements	3	1	10
20877	Demonstrate knowledge of working safely at sites under temporary traffic management	2	2	3
20878	Assist with temporary traffic management for low volume and Level 1 roads	2	2	2
6475	Describe and complete work records for infrastructure works	2	2	5
17327	Apply communication skills on an infrastructure works site	3	2	3
9677	Communicate in a team or group which has an objective	3	2	10
22283	Demonstrate knowledge of occupational areas and structures in the New Zealand Infrastructure works industry	2	2	2
6453	Demonstrate knowledge of plant and equipment used on an infrastructure worksite	3	2	5
6477	Identify, hand spread, and assist in compacting materials for infrastructure works	3	2	6
23285	Use and care for hand tools used in infrastructure works	2	2	3
6469	Maintain small machinery used in infrastructure works sites	2	2	6
6472	Carry out manual excavation for infrastructure works	2	2	5
12349	Demonstrate knowledge of time management	3	2	6
Total Credits		40		

TEACHING METHOD

Our trainers are all experienced practical people. They speak everyday workplace language and have a wealth of real-life examples to share with our students. This programme includes considerable work experience. Students will be required to complete a Work Experience Logbook. Students are encouraged to 'have a go' in a supportive, safe environment.