

## New Zealand Certificate in Infrastructure Works Level 2

**Curriculum Goals:** The New Zealand Certificate in Infrastructure Works Level 2 is the first step in a career within the Civil Infrastructure industry. It provides students with the skills and knowledge to work safely on site and with others, under direct supervision.

**Learning Outcomes:** This qualification gives students the best practice ways of working which have been developed by industry, for industry. It covers main skills needed, including:

- Key information about the infrastructure works industry
- Health, safety and working within the busy infrastructure environment
- Good communication skills for onsite and dealing with the public
- How to keep work records and incident/accident reports
- Care and maintenance of hand tools and basic machinery
- Hand spreading and compacting

The unit standards that make up this qualification are listed below:

Unit Std	Unit Standard Description	Level	Credit	Version
<b>Module 1:</b>				
497	Demonstrate knowledge of workplace health and safety requirements	1	3	8
4249	Describe care and timeliness as an employee	1	3	7
9677	Participate in a team or group which has an objective	2	3	9
12349	Demonstrate knowledge of time management	2	3	5
27329	Demonstrate knowledge of and apply quality assurance practices to own work area in an infrastructure works operation	3	4	2
<b>Module 2:</b>				
22283	Demonstrate knowledge of occupational areas and structures in the New Zealand infrastructure works industry	2	2	2
17327	Apply communication skills on an infrastructure works site	2	3	3
6475	Describe and complete work records for infrastructure works	2	2	5
<b>Module 3:</b>				
26720	Describe health, safety, and environmental care at an infrastructure works site	2	3	2
20868	Demonstrate knowledge of emergency response in the infrastructure works industry	2	3	2
20877	Demonstrate knowledge of working safely at sites under temporary traffic management	2	2	2
20878	Assist with temporary traffic management for low volume and Level 1 roads	2	1	1
17593	Apply safe work practices in the workplace	2	4	4
<b>Module 4:</b>				
6477	Identify, hand spread, and assist in compacting materials for infrastructure works	2	3	6
23285	Use and care for hand tools used for infrastructure works	2	2	3
6469	Maintain small machinery used on infrastructure works sites	2	2	6
6472	Carry out manual excavation for infrastructure works	1	2	5
27500	Operate compaction equipment for infrastructure works	3	4	2