

## Proposed Level 3 Gateway – Civil Works

Number	Title	Level	Credits	Outcome(s)
Mandatory (7 Credits)				
<a href="#">20866</a>	Work safely on an infrastructure works site	3	7	Work safely on an infrastructure worksite.
Elective (Choose 10-18 Credits from any of the Unit Standards below)				
Safe Work Practices				
<a href="#">30265</a>	Apply health and safety risk assessment to a job role	3	8	Describe the principles of health and safety risk assessment
Environmental and Quality Outcomes in Infrastructure Work Operations				
<a href="#">26784</a>	Maintain daily records for an infrastructure worksite	3	5	Describe and confirm daily records for an infrastructure worksite.
				Complete daily records relevant to own role on an infrastructure worksite.
Working around features and services on an infrastructure worksite				
<a href="#">31457</a>	Demonstrate knowledge of working around services for infrastructure works	3	5	Demonstrate knowledge of working around services for infrastructure works.
Plan for and lift, move, and place loads in an infrastructure environment				
<a href="#">32767</a>	Demonstrate knowledge of lifting and moving loads for infrastructure works	3	5	Explain the principles for using mobile plant for lifting and moving loads.
				Demonstrate knowledge of risk management associated with lifting, moving, and placing loads.
				Explain the types and inspection of lifting attachments.
				Demonstrate knowledge of communication techniques for lifting, moving, and placing operations.
				Explain the process for determining the included lift angle.
<a href="#">28715</a>	Load, secure, and transport infrastructure works materials, small plant, and equipment	3	2	Prepare to load a vehicle for infrastructure works activities.
				Load a vehicle.
				Restrain, secure, and protect a load for infrastructure works activities.
				Transport the load for infrastructure works activities.
Infrastructure soils, aggregates, and materials				
<a href="#">31445</a>	Demonstrate knowledge of compaction for infrastructure works	3	6	Demonstrate knowledge of compaction for infrastructure works.
<a href="#">31446</a>	Demonstrate knowledge of materials used for infrastructure works	3	5	Demonstrate knowledge of materials used for infrastructure works.

Trench excavation				
<a href="#">32766</a>	Demonstrate knowledge of excavation safety on an infrastructure worksite	3	5	Demonstrate knowledge of excavation safety on an infrastructure worksite.
<a href="#">27501</a>	Demonstrate knowledge of protection and support systems for excavation on an infrastructure works site	3	2	Describe protection and support systems used for excavation safety on an infrastructure works site
				Explain reasons for the selection of specific protection and support systems on an infrastructure works site.
Civil works site operation				
<a href="#">31447</a>	Demonstrate knowledge of and carry out civil works site operations	3	14	Demonstrate knowledge of civil works site operations.
				Carry out civil works site operations.
Small plant operations at infrastructure worksites				
<a href="#">31448</a>	Operate small plant for infrastructure works	3	10	Demonstrate knowledge of small plant and its operation for infrastructure works.
				Prepare to operate small plant for infrastructure works.
				Carry out post-operational procedures on small plant for infrastructure works.
Total Credits			17-25	

### **Current Gateway Level 3**

Number	Title	Level	Credit	Outcome(s)
6476	Interpret and use plans to locate features on infrastructure works sites	3	5	Use plans to locate features on an infrastructure worksite
20866	Work Safely on an infrastructure works site	3	7	Work safely on an infrastructure worksite.
31446	Demonstrate knowledge of materials used for infrastructure works	3	5	Demonstrate knowledge of materials used for infrastructure works.
31942	Demonstrate knowledge of the impact of erosion and sedimentation on an infrastructure worksite	3	5	Demonstrate knowledge of the impact of erosion and sedimentation on an infrastructure worksite.
				Demonstrate knowledge of Mana Whenua values for an infrastructure worksite.
Total Credits			22	