

Title	Maintain and repair bridges		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to prepare to maintain and repair bridges and maintain and repair bridges.
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Classification	Infrastructure Works > Road Maintenance
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Available grade	Achieved
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Guidance Information

- 1 Legislation and references relevant to this unit standard include:
Health and Safety at Work Act 2015;
Resource Management Act 1991;
Health and Safety in Employment Regulations 1995;
Code of practice for temporary traffic management;
Territorial Authority guidelines.
- 2 Assessment against this unit standard must take place in a workplace environment. Assessment parameters depend on company and site-specific equipment, procedures, and practices. Practices must reflect industry best practice and comply with legislative requirements.
- 3 Definitions
Company requirements include the policy, procedures, and methodologies of the company. They include legislative and regulatory requirements which may apply across the company or to a specific site. Requirements are documented in the company's health and safety plans, traffic management plans, contract work programmes, quality assurance programmes, policies, and procedural documents.
Contract specifications include plans, diagrams, and special technical conditions. They do not include special administrative conditions.

Outcomes and performance criteria

Outcome 1

Prepare to maintain and repair bridges.

Performance criteria

- 1.1 Location of bridge and extent of work are determined and confirmed in accordance with contract specifications and company requirements.

- 1.2 Materials, plant, and equipment are selected in accordance with type of work and company requirements.
- 1.3 Site management and communication requirements are identified and confirmed as in place before commencement of work.
- Range site safety plan, environmental plan, traffic management plan.

Outcome 2

Maintain and repair bridges.

Performance criteria

- 2.1 Bridge deck, deck joints, wheelguards, drainage holes, and expansion joints are cleaned of debris in accordance with contract specifications and company requirements.
- 2.2 Bridge is inspected, and the condition of the bridge deck is recorded in accordance with company requirements.
- 2.3 Maintenance work is carried out in accordance with contract specifications and company requirements.
- 2.4 Repairs are completed, and any required replacement components are installed in accordance with contract specifications and company requirements.

Replacement information	This unit standard replaced unit standard 11307 and unit standard 11308.
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Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	27 September 2018	N/A

Consent and Moderation Requirements (CMR) reference	0101
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Connexis Infrastructure ITO qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.