

<b>Title</b>	<b>Maintain and repair bridges</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>5</b>

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

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with relevant legislative and industry requirements.
- 2 Legislation relevant to this unit standard includes:
  - Health and Safety at Work Act 2015;
  - Resource Management Act 1991;
 and all subsequent amendments and replacements.
- 3 **Definition**  
*Industry requirements* refer to relevant policies, processes, methodologies, industry codes of practice, site specific health and safety plans, standard operating procedures, site safety plans, quality plans, work plans, traffic management plans, contract work programmes, job safety analysis, safe work method statements, job instructions, manufacturer's requirements, contract specifications, manuals, procedural documents. Waka Kotahi New Zealand Transport Agency specifications and guidelines.

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### 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.
- 1.2 Materials, plant, and equipment are selected in accordance with type of work.

1.3 Site management and communication requirements are identified and confirmed as in place before commencement of work.

Range requirements include – 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.
- 2.2 Bridge is inspected, and the condition of the bridge deck is recorded.
- 2.3 Maintenance work is carried out.
- 2.4 Repairs are completed, and any required replacement components are installed.

<b>Replacement information</b>	This unit standard replaced unit standard 11307 and unit standard 11308.
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<b>Planned review date</b>	31 December 2026
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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	31 December 2023
Review	2	30 September 2021	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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 Industry Training Organisation [qualifications@connexis.org.nz](mailto:qualifications@connexis.org.nz) if you wish to suggest changes to the content of this unit standard.