

Title	Maintain road bridge surface and furniture		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to: confirm requirements for bridge maintenance work; clean the bridge deck; inspect and remedy defective components; and clear the worksite on completion of work.
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Classification	Infrastructure Works > Road Maintenance
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Available grade	Achieved
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Guidance Information

- 1 The following legislation and regulations must be complied with: Health and Safety in Employment Act 1992; and Health and Safety in Employment Regulations 1995.
- 2 Assessment against this unit standard must take place in a workplace environment. Assessment parameters will 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 applicable to the company or 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

Confirm requirements for bridge maintenance work.

Performance criteria

- 1.1 Site conditions are confirmed in accordance with company requirements.
 Range location, extent, drainage, environmental conditions.

- 1.2 Resources are confirmed with supervisor.
Range materials, equipment, workforce.
- 1.3 Site is set up in accordance with the Traffic Management Plan.

Outcome 2

Clean the bridge deck.

Performance criteria

- 2.1 The bridge deck, deck joints, wheelguards, drainage holes, and expansion joints are cleaned of debris in accordance with company requirements.
- 2.2 Cleaning includes documenting the condition of the bridge deck in accordance with contract specifications.

Outcome 3

Inspect and remedy defective components.

Range components may include – bridge end markers, protective coating, handrail, guardrail, marker post, sight board, signs.

Performance criteria

- 3.1 Components are inspected in accordance with company requirements and the remedial action is determined.
- 3.2 Damaged components are repaired, or removed and replaced, in accordance with contract specifications.

Outcome 4

Clear the worksite on completion of work.

Performance criteria

- 4.1 Surplus and loose materials are cleared from the site in accordance with company requirements.
- 4.2 Temporary traffic control measures are removed in accordance with company requirements.

Replacement information	This unit standard and unit standard 11308 were replaced by unit standard 31487.
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This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	23 July 1997	31 December 2014
Review	2	25 September 2006	31 December 2016
Review	3	19 February 2015	31 December 2021
Review	4	27 September 2018	31 December 2021

Consent and Moderation Requirements (CMR) reference

0101

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.