

Title	Maintain roads clear of ice and snow		
Level	4	Credits	6

Purpose	People credited with this unit standard are able to prepare to maintain, and maintain, roads clear of ice and snow.
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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;
Health and Safety in Employment Regulations 1995;
Resource Management Act 1991;
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 roads clear of ice and snow.

Performance criteria

- 1.1 Road condition is inspected and surfaces that require treatment are identified and located. The type of treatment is determined in accordance with contract specifications and company requirements.

1.2 Plant and equipment are selected in accordance with type of treatment 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 roads clear of ice.

Performance criteria

2.1 Grit or chemical ice treatment is applied to road surface to ensure traction for vehicles in accordance with contract specifications and company requirements.

2.2 Site is monitored and any need for further treatment is determined and treatment applied on an ongoing basis until ice hazard is over, in accordance with contract specifications and company requirements.

2.3 Any grit is removed and site is left safe in accordance with contract specifications and company requirements.

2.4 Documentation is completed in accordance with contract specifications and company requirements.

Outcome 3

Maintain roads clear of snow.

Performance criteria

3.1 Road surface is cleared of snow using a plough or grader to ensure road is safely passable for vehicles in accordance with contract specifications and company requirements.

3.2 Site is monitored and any need for further clearing is determined and actioned on an ongoing basis until snow hazard is over, in accordance with contract specifications and company requirements.

3.3 Documentation is completed in accordance with contract specifications and company requirements.

Replacement information	This unit standard replaced unit standard 22288 and unit standard 22291.
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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.