

Title	Maintain and repair road drainage systems		
Level	4	Credits	7

Purpose	People credited with this unit standard are able to prepare to carry out road drainage system maintenance and repair and maintain road drainage systems.
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Classification	Infrastructure Works > Road Maintenance
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes:
Health and Safety at Work Act 2015;
Resource Management Act 1991;
Health and Safety in Employment Regulations 1995;
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 Evidence must be provided for the maintenance of two of – subsoil drainage, stormwater structures, piped drainage, open drainage channels.
- 4 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 carry out road drainage system maintenance and repair.

Performance criteria

- 1.1 Area to be maintained is identified and extent of work confirmed in accordance with contract specifications and company requirements.
- 1.2 Location of drainage system to be maintained is confirmed and site conditions are checked and confirmed as suitable for the work to take place.
- 1.3 Plant, equipment, and materials are selected in accordance with type of maintenance and company requirements.
- 1.4 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 road drainage systems.

Performance criteria

- 2.1 The drainage system is cleared of debris, vegetative growth, and obstructions in accordance with company requirements.
- 2.2 Repairs are completed, and any required replacement components are installed in accordance with contract specifications and company requirements.
- 2.3 The drainage system is checked and confirmed as operating effectively after maintenance is completed.

Replacement information	This unit standard replaced unit standard 11309, unit standard 11310, and unit standard 11311.
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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.