

Title	Set-out complex roadmarking work		
Level	4	Credits	12

Purpose	People credited with this unit standard are able to: describe and interpret set-out requirements for complex roadmarking work; and set-out site for complex roadmarking work.
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Classification	Infrastructure Works > Roadmarking
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Available grade	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 industry requirements.
- 2 Legislation and standards relevant to this unit standard include:
 - Hazardous Substances and New Organisms Act 1996;
 - Health and Safety at Work Act 2015;
 - Health and Safety at Work (Hazardous Substances) Regulations 2017;
 - Resource Management Act 1991;
 - Traffic Regulations 1976; available from www.legislation.govt.nz/;
 - NZS 3910:2013: *Conditions of contract for building and civil engineering construction*;
 - NZS 3915:2005: *Conditions of contract for building and civil engineering construction (where no person is appointed to act as engineer to the contract)* available from www.standards.co.nz/;
 - and all subsequent amendments and replacements.
- 3 **Definitions**
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, scope of works, 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.
Road Controlling Authority (RCA) in relation to a road, means the Minister of Transport, Crown entities, State enterprises, or territorial authorities that control the road.

Set-out requirements for complex roadmarking work are those which may be performed by a team or teams involving multiple marking elements and involve calculations. Example situations include sections of longitudinal marking lines greater than 150m, complex intersection markings, median strips, raised pavement markers, airport markings and sports courts.

Outcomes and performance criteria

Outcome 1

Describe and interpret set-out requirements for complex roadmarking work.

Performance criteria

- 1.1 Set-out requirements for complex roadmarking are described in accordance with RCA specifications.
- 1.2 Set-out requirements for complex roadmarking are described in terms of Waka Kotahi NZ Transport Agency guidelines.
- 1.3 Set-out requirements for complex roadmarking are described in terms of contract specifications.
- 1.4 Acceptability levels of set-out requirements for complex roadmarking are described in terms of industry requirements and RCA specifications.
- 1.5 Set-out requirements are interpreted in terms of scales and symbols on maps and plans.

Outcome 2

Set-out site for complex roadmarking work.

Range three different complex roadmarking road situations.

Performance criteria

- 2.1 Job requirements are confirmed in accordance with contract specifications.
- 2.2 Instructions are relayed to operations crew in accordance with contract specifications.
- 2.3 Site is set-out in accordance with contract specifications and client requirements.

Replacement information	This unit standard and unit standard 21424 replaced unit standard 15926.
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Planned review date	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	22 September 2005	31 December 2018
Review	2	20 April 2017	31 December 2023
Review	3	30 September 2021	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 Industry Training Organisation
qualifications@connexis.org.nz if you wish to suggest changes to the content of this unit standard.