Title | Demonstrate knowledge of specifications used for simple roadmarking
---|---
Level | 3
Credits | 10

Purpose
People credited with this unit standard are able to: demonstrate knowledge of specifications used for simple roadmarking; and use references to locate and identify details of simple roadmarking requirements.

Classification | Infrastructure Works > Roadmarking

Available grade | Achieved

Guidance information

1. The requirements within the following legislation and regulations applying to roadmarking operations must be complied with as appropriate for the context of assessment against this unit standard:
   - Employment Relations Act 2000;
   - Health and Safety at Work Act 2015;
   - Health and Safety in Employment Regulations 1995;
   - Health and Safety in Employment (Pressure Equipment, Cranes, and Passenger Ropeways) Regulations 1999;
   - Accident Compensation Act 2001;
   - Resource Management Act 1991;
   - Traffic Regulations 1976;
   all available at www.legislation.govt.nz/.

2. The requirements within the following codes of practice and guidelines applying to roadmarking operations must be complied with as appropriate for the context of assessment against this unit standard:
   - Codes of practice and checklists published by the New Zealand Roadmarkers Federation, available at www.nzrf.co.nz/technical-documents/.
   - New Zealand Transport Agency’s principal external manuals, manual amendments, specific examples include:
     - Approved codes of practice and guidelines relevant to specific work activities an example being the Approved Code of Practice for the Management of Substances...

3 The requirements within the following New Zealand Standards applying to roadmarking operations must be complied with as appropriate for the context of assessment against this unit standard:
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)*;
AS/NZS 2009:2006 Glass Beads for Pavement Marking;
www.standards.co.nz/.

4 This unit standard may be assessed against in a workplace or a provider environment.

5 Definitions
*Company requirements* include the policy, procedures, and methodologies of the company. They include requirements in company and site health, safety and environmental plans, quality assurance documents, and contract work and reporting documents.
*Simple roadmarking* is roadmarking performed by an individual or small team on a single marking element. Situations include but are not limited to sections of longitudinal marking lines less than 150m and simple intersection markings such as a single give way or compulsory stop.

## Outcomes and performance criteria

### Outcome 1

Demonstrate knowledge of specifications used for simple roadmarking.

#### Performance criteria

1.1 Categories of markings are described in accordance with the Manual of Traffic Signs and Markings, Part 2.

1.2 Specifications for dimensional tolerances, application rates, material diary entries, traffic management, setting out, preparation of road surface, non-conforming markings, and remedial markings are stated in accordance with New Zealand Transport Agency specifications.

1.3 The traffic management plan, contract quality plan, document control, and client requirements are described in terms of a specified job in accordance with company requirements.

### Outcome 2

Use references to locate and identify details of simple roadmarking requirements.
Performance criteria

2.1 The Manual of Traffic Signs and Markings, Part 2, is used to locate and identify details of simple markings and raised pavement markers (RPMs) for roadmarking requirements.

2.2 New Zealand Transport Agency specifications are used to identify details of roadmarking requirements in accordance with company requirements.

2.3 Contract documents are used to locate and identify details of contract requirements.

Replacement information

This unit standard and unit standard 21431 replaced unit standard 15933.

Planned review date

31 December 2022

Status information and last date for assessment for superseded versions

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Consent and Moderation Requirements (CMR) reference

0101

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

Comments on this unit standard

Please contact the Infrastructure Industry Training Organisation qualifications@connexis.org.nz if you wish to suggest changes to the content of this assessment standard.