

Title	Prepare a B-type paint applicator for roadmarking		
Level	3	Credits	12

Purpose	<p>This unit standard is for people who operate B-type pedestrian, operator-mounted or umbilical type roadmarking applicators.</p> <p>People credited with this unit standard are able to: demonstrate knowledge of the requirements for B-type roadmarking; and prepare for roadmarking using a B-type applicator.</p>
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Classification	Infrastructure Works > Roadmarking
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Available grade	Achieved
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Prerequisites	Class of driver licence and any driver licence endorsement appropriate for the vehicle being driven.
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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)*;
 - NZS 5433:2020: *Transport of dangerous goods on land*; available from www.standards.co.nz/;
 - Quality Standard TQS1 and TQS2; available from <https://www.nzta.govt.nz/resources/index.html>;
 - and all subsequent amendments and replacements.

3 Definition

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 NZ Transport Agency specifications and guidelines.

Outcomes and performance criteria**Outcome 1**

Demonstrate knowledge of the requirements for B-type roadmarking.

Performance criteria

- 1.1 Specifications for B-type applicators are described in accordance with Waka Kotahi NZ Transport Agency specifications.
- 1.2 Preparations for B-type operations are described.
- Range flush median, pedestrian crossing, letters, vehicle parking, intersection.
- 1.3 Personal and team safety for B-type operations is described in accordance with the company safety plan.
- 1.4 Location and function of process controls on B-type applicators are explained in accordance with plant and machinery supplier instructions.
- Range troubleshooting, emergency procedures.
- 1.5 Procedures for changing the product type are explained in accordance with material supplier instructions.
- Range paint flushing, filters, compatibility of products.
- 1.6 Maintenance of plant and equipment is described in terms of operator checks and adjustments and when to refer for specialist servicing.
- Range filter clean, pump lubrication, hose condition, accumulator charge (where fitted), tip condition.

Outcome 2

Prepare for roadmarking using a B-type applicator.

Performance criteria

- 2.1 Tests One, Two, and Four are demonstrated on a B-type applicator in accordance with Waka Kotahi NZ Transport Agency specifications.

2.2 The applicator is loaded with approved material and equipment in accordance with the job plan.

Range paint, beads, measuring devices.

2.3 Personal protective equipment is fitted and worn.

2.4 The pavement surface is prepared for application in accordance with the job plan.

Range hand brooming, machine sweeping.

Replacement information	This unit standard, unit standard 18049, and unit standard 18050 replaced unit standard 15945.
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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	13 February 2001	31 December 2018
Review	2	22 September 2005	31 December 2018
Review	3	20 April 2017	31 December 2023
Review	4	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.