

<b>Title</b>	<b>Repaint roadmarkings with a B-type applicator</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>15</b>

<b>Purpose</b>	People credited with this unit standard are able to: prepare for repainting roadmarkings; repaint roadmarkings using a B-type applicator; and maintain communications with relevant parties during roadmarking operations.
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<b>Classification</b>	Infrastructure Works > Roadmarking
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<b>Available grade</b>	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/](http://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 5433:1999: *Transport of dangerous goods on land*; available from [www.standards.co.nz/](http://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 It is recommended people achieve Unit 18048, *Prepare a B-type paint applicator for roadmarking*, or demonstrate equivalent knowledge and skills before being assessed against this unit standard.

#### 4 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 NZ 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.

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### Outcomes and performance criteria

#### Outcome 1

Prepare for repainting roadmarkings.

#### Performance criteria

- 1.1 Personal protective equipment is fitted and worn.
- 1.2 B-type applicator is loaded on and unloaded off the transport vehicle or trailer.
- 1.3 Equipment is set up for marking to tolerances in accordance with Waka Kotahi NZ Transport Agency specifications.

Range marking – letters, arrows, chevrons, car parks, no stopping; equipment – pointers, paint computers (where fitted).

#### Outcome 2

Repaint roadmarkings using a B-type applicator.

Range operating one side of the applicator, marking straight and curved lines.

#### Performance criteria

- 2.1 B-type applicator and transport vehicle are operated in accordance with RCA requirements.

Range entry and egress of applicator, placement of cones, signs, and other delineation devices.

- 2.2 B-type applicator is operated.

Range commencement of marking, temporary halts, cessation of marking.

2.3 Paint and beads are applied to roadmarkings with given dry film thickness, and within the location and dimension tolerances in accordance with Waka Kotahi NZ Transport Agency specifications.

Range letters and symbols; arrows; limit lines; lead lines; pedestrian crossing; flush medians.

2.4 Specific tasks related to the job are carried out.

Range may include but not limited to – calibration, process control, adjustments, product information; evidence of two tasks is required.

**Outcome 3**

Maintain communications with relevant parties during roadmarking operations.

**Performance criteria**

3.1 Communication is maintained with company personnel in accordance with contract specifications.

Range work sequence and methodology; emergency procedures.

3.2 Communication is maintained with parties involved in the roadmarking operation in accordance with contract specifications.

Range sub-contractors, client or client’s representative, company management.

3.3 Communication is maintained with the public in accordance with contract specifications.

<b>Replacement information</b>	This unit standard, unit standard 18048, and unit standard 18050 replaced unit standard 15945.
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<b>Planned review date</b>	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

<b>Consent and Moderation Requirements (CMR) reference</b>	0101
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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**Comments on this unit standard**

Please contact Connexis - Infrastructure Industry Training Organisation [qualifications@connexis.org.nz](mailto:qualifications@connexis.org.nz) if you wish to suggest changes to the content of this unit standard.