

Field Engineering and Technology

Review of *Roadmarking* unit standards

Subfield	Domain	ID
Infrastructure Works	Roadmarking	15925, 15931, 15932, 15934-15937, 15943, 18045-18050, 18053, 21418-21420, 21425-31

Connexis Transitional ITO has completed the review of the unit standards listed above.

Date new versions published

September 2021

Planned review date

December 2026

Summary

The above unit standards were reviewed to align with revised industry legislation and current industry requirements and confirmed by the industry reference group.

The unit standard review process involved consultation with the New Zealand Roadmarkers Federation, Roadmarkers New Zealand, the industry reference group, and technical advisers from March to September 2020. Industry feedback was received by email from technical advisers and the industry reference group. Feedback was actioned where appropriate.

Main changes

- Guidance information and legislation were updated in most standards including Waka Kotahi NZ Transport Agency guidelines and specifications.
- Outcomes, performance criteria, and range statements were amended in line with current industry requirements.
- Titles were updated for unit standards 15925, 18053 and 21420 to better reflect outcomes.
- The pre-requisite was removed from unit standard 15934 because it was no longer current.
- The approved handler requirement was removed from unit standard 21428 in line with industry requirements.
- The hazardous substances regulations were included in unit standard 21429 in line with industry requirements.

The last date for assessment of superseded versions of Category B unit standards is December 2023

Detailed list of unit standards – classification, title, level, and credits

All changes are in **bold**.

Key to review category	
A	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
B	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
C	Major changes that necessitate the registration of a replacement standard with a new ID
D	Standard will expire and not be replaced

Engineering and Technology > Infrastructure Works > Roadmarking

ID	Title	Level	Credit	Review Category
15925	Maintain quality records for roadmarking operations Complete and maintain quality records for roadmarking worksite operations	3	4	B
15931	Perform routine operation checks on roadmarking plant and equipment	2	4	B
15932	Perform quality assurance inspection and sampling for roadmarking	2	4	B
15934	Manage safety and environmental care on roadmarking sites	3	4	B
15935	Undertake routine maintenance of roadmarking plant and equipment	3	3	B
15936	Remove raised pavement markers from roadway	2	2	B
15937	Install raised pavement markers	2	4	B
15943	Utilise maps and plans for roadmarking	3	12	B
18045	Prepare an A-type applicator for roadmarking	3	12	B
18046	Repaint roadmarkings with an A-type applicator	3	15	B
18047	Undertake and supervise new roadmarking work using an A-type applicator	4	15	B
18048	Prepare a B-type paint applicator for roadmarking	3	12	B
18049	Repaint roadmarkings with a B-type applicator	3	15	B
18050	Undertake and supervise new roadmarking work using a B-type applicator	4	15	B
18053	Test roadmarking paint applicators Test and evaluate roadmarking paint applicators	4	25	B
21418	Demonstrate basic knowledge of materials, plant, and process in roadmarking	2	6	B
21419	Perform basic roadmarking tasks	2	6	B
21420	Demonstrate knowledge of roadmarking materials and processes Demonstrate knowledge of roadmarking materials and application processes	3	10	B
21425	Set-out complex roadmarking work	4	12	B
21426	Perform simple industry calculations for roadmarking application	2	6	B
21427	Perform complex industry calculations for roadmarking application	4	10	B
21428	Demonstrate knowledge of health, safety, and environmental requirements of roadmarking operations	3	7	B
21429	Describe and manage health, safety, and environmental requirements in roadmarking	4	8	B
21430	Demonstrate knowledge of specifications used for simple roadmarking	3	10	B
21431	Demonstrate knowledge of specifications used for complex roadmarking	4	10	B