

Field Engineering and Technology

Review of *Infrastructure Works* unit standards

Subfield	Domain	ID
Infrastructure Works	Generic Infrastructure Works	6472, 6475, 6477, 17327, 22283
	Infrastructure Civil Works	6453
	Infrastructure Works Equipment	23285
	Infrastructure Works Health, Safety, and Environment	20868

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

Date new versions published

June 2020

Planned review date

December 2025

Summary

The review process involved consultation with industry technical advisers and industry feedback was received by email and in response to the Connexis website consultation throughout January and February 2020.

The industry reference group identified changes were required to update legislation, guidance information, outcomes and performance criteria.

Draft versions were distributed by email to a network of stakeholders and organisations with consent to assess. Changes as a result of the feedback were endorsed by industry technical advisers and the industry reference group.

Main changes

- The unit standards were updated to align to the current unit standard template, and to update guidance information and industry-relevant legislation.
- Unit standard outcomes, performance criteria, and range statements were amended to reflect current industry practice.
- Some standards have changes to level or credits to align with current industry practice as identified in the table below.
- Titles were changed to ensure assessment can occur in all infrastructure contexts.
- Standards 6453, 23285, 20868 were reclassified into domain *Generic Infrastructure Works* as Connexis plans to expire the domains in which they were previously classified.

The last date for assessment of superseded versions of these Category B unit standards is December 2022

Impact on existing organisations with consent to assess

Current consent for			Consent extended to		
Nature of consent	Classification or ID	Level	Nature of consent	Classification or ID	Level
Domain	Infrastructure Civil Works	2-5	Standard	6453	2
Domain	Infrastructure Works Equipment	3-5	Standard	23285	2
Domain	Infrastructure Works Health, Safety, and Environment	3	Standard	20868	2

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 > Generic Infrastructure Works

ID	Title	Level	Credit	Review Category
6472	Carry out manual excavation for infrastructure works Carry out manual excavation on an infrastructure worksite	1 2	2	B
6475	Describe and complete work records for infrastructure works Describe and complete work records for an infrastructure worksite	2	2	B
6477	Identify, hand spread, and assist in compacting materials for infrastructure works Demonstrate knowledge of aggregates and mixes used for compaction on an infrastructure worksite	2	3	B
17327	Apply communication skills on an infrastructure works site Communicate with stakeholders on an infrastructure worksite	2	3	B
22283	Demonstrate knowledge of occupational areas and structures in the New Zealand infrastructure works industry Demonstrate knowledge of the New Zealand infrastructure works industry	2	2 3	B

Engineering and Technology > Infrastructure Works

ID	Domain	Title	Level	Credit	Review Category
6453	Infrastructure Civil Works Generic Infrastructure Works	Demonstrate knowledge of infrastructure civil works Demonstrate knowledge of equipment and plant used on an infrastructure worksite	2	3 5	B
23285	Infrastructure Works Equipment Generic Infrastructure Works	Use and care for hand tools used for infrastructure works Use and care for hand tools used on an infrastructure worksite	2	2	B
20868	Infrastructure Works Health, Safety, and Environment Generic Infrastructure Works	Demonstrate knowledge of emergency response in the infrastructure works industry Demonstrate knowledge of emergency situations, procedures, and responses on an infrastructure worksite	2	3 4	B