

Field Planning and Construction

Review of *Core Plumbing, Gasfitting, and Drainlaying* unit standards

Subfield	Domain	ID
Plumbing, Gasfitting and Drainlaying	Core Plumbing, Gasfitting, and Drainlaying	2139, 25414, 25416, 25419 - 25422, 30576

Waihanga Ara Rau Construction and Infrastructure Workforce Development Council has completed a planned review of the unit standards listed above.

Date new versions published

December 2024

Planned review date

December 2029

Summary

Waihanga Ara Rau Construction and Infrastructure Workforce Development Council undertook a review of the unit standards listed above as part of a wider sector initiative. This review was triggered by the regular 5-year review cycle. The unit standards have been reviewed in line with current industry practice, and to ensure they are fit for purpose.

A series of Technical Advisory Group (TAG) meetings were held between April 2024 and August 2024 to complete this review. The Technical Advisory Group consisted of industry and provider representatives with consent to assess, and representatives from industry stakeholder organisations, including the Plumbing Gasfitting and Drainlaying Board.

The goal was to ensure that the current and proposed unit standards met industry needs and reflected current practices within the plumbing, gasfitting and drainlaying sector.

Following the review, public consultation was held in late August and early September 2024. Feedback received was reviewed and decisions were made in consultation with the TAG group representatives, resulting in the changes below.

Main changes

- Changes were made to the unit standards to reflect industry practices, industry terms and to update references to regulations and legislative instruments.
- Unit standards 25414 and 25421 had title changes to improve clarity.
- Unit standards 25419 and 25422 increased from NZQCF Level 2 to Level 3 to reflect content changes.
- Unit 30576 had a credit value increase from 7 to 8 to reflect content changes.
- A new unit standard was developed to introduce knowledge of regulatory frameworks and occupational licensing requirements.

The last date for assessment of superseded versions of Category B standards is December 2026

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	Core Plumbing, Gasfitting, and Drainlaying	2	Standard	25419, 24522	3

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

Planning and Construction > Plumbing, Gasfitting, and Drainlaying > Core Plumbing, Gasfitting, and Drainlaying

ID	Title	Level	Credit	Review Category
2139	Soft solder metal joints	2	3	B
25414	Cut and join metal for plumbing and gasfitting components Cut and join sheet metal components for plumbing or gasfitting	2	2	B
25416	Describe, identify and interpret drawings for plumbing, gasfitting and drainlaying	2	4	B
25419	Demonstrate knowledge of sanitary plumbing systems and components	2 3	3	B
25420	Demonstrate knowledge of cold water supply systems in buildings	2	2	B
25421	Mark out, cut, joint and test pipework for plumbing, gasfitting and drainlaying Mark, cut, join, and test pipework for plumbing, gasfitting and drainlaying	2	6	B
25422	Demonstrate knowledge of hot water storage systems for plumbing and gasfitting	2 3	3	B
30576	Maintain structural integrity and weather tightness of building penetrations Maintain building integrity and weather tightness of building penetrations	4	7 8	B
33431	Demonstrate basic knowledge of the regulatory framework for plumbing, gasfitting, and drainlaying	3	3	NEW