

Field Planning and Construction**Review of *Plumbing, Gasfitting and Drainlaying* unit standards**

Subfield	Domain	ID
Plumbing, Gasfitting and Drainlaying	Drainlaying	1120, 1121
	Plumbing	2136, 2137, 2144, 21884-21886, 23850, 23851

The Skills Organisation has completed the review of the unit standards listed above.

Date new versions published

October 2017

Planned review date

December 2022

Summary

The review of these standards was initiated following the listing of Level 4 New Zealand Certificates in Plumbing, in Gasfitting, and in Drainlaying, to ensure that they are fit for purpose, relevant to the Plumbing, Gasfitting, and Drainlaying (PGD) sectors and are readily available for assessment. Industry representatives from the PGD Sector Review and Qualification Development Groups were involved in the review and writing of these unit standards and provided feedback on the unit standards.

Main changes

- Changes were made to accurately reflect sector terminology, changing trade practices, and emerging materials.
- Ten unit standards were reviewed as Category C and replaced by fourteen new standards.
- One new unit standard was developed.

Category C unit standards will expire at the end of 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	Drainlaying	2-4	Standard	30557	2
Domain	Plumbing	2-4	Standard	30557	2
Standard	1120	2	Standard	30557	2
Standard	1121	2	Standard	30557	2
Standard	2136	2	Standard	30557	2
Standard	2137	2	Standard	30557	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

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ID	Domain	Title	Level	Credit	Review Category
1120	Drainlaying	Identify and describe hand tools and checking equipment for drainlaying	2	2	C
1121	Drainlaying	Identify and describe trade equipment and power tools used for drainlaying	2	2	C
2136	Plumbing	Identify and describe hand tools and testing equipment for plumbing	2	2	C
2137	Plumbing	Identify and describe trade equipment and power tools used for plumbing	2	1	C
30557	Core Plumbing, Gasfitting, and Drainlaying	Select, describe, use, and maintain tools for plumbing and drainlaying projects	2	4	

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ID	Title	Level	Credit	Review Category
2144	Install, secure, and maintain foulwater systems	4	22	C
30542	Demonstrate knowledge of foul water systems	4	9	
30543	Install, secure, and maintain foul water systems in accordance with NZ Building Code G13 Acceptable Solution 1	4	6	
30544	Install, secure, and maintain foul water systems in accordance with NZ Building Code G13 Acceptable Solution 3	4	6	

21884	Install and maintain roofing, rainwater handling, and cladding systems, and flashings	4	25	C
30545	Demonstrate knowledge of profiled metal and translucent roofing	4	5	
30546	Install profiled metal roofing and cladding	4	10	
30547	Demonstrate knowledge of relevant profiled metal cladding installation methods, trade practice, and licensing	4	5	
30548	Demonstrate knowledge of making and installing flashings for profiled metal roofing and cladding	4	5	
30549	Demonstrate knowledge of the installation and maintenance of rainwater handling and harvesting systems	4	4	
23850	Install, commission, and maintain low pressure, open-vented, and push-through hot water supply systems	4	10	C
30550*	Demonstrate knowledge of the installation, commissioning, and maintenance of hot water supply systems	4	10	
30551	Position, install, commission, and maintain low pressure hot water supply systems	4	7	
23851	Install, commission, and maintain valve-vented hot water supply systems	4	16	C
30550*	Demonstrate knowledge of the installation, commissioning, and maintenance of hot water supply systems	4	10	
30552	Position, install, commission, and maintain mains pressure hot water supply systems	4	6	
21885	Install and maintain sanitary appliances and fixtures	4	10	C
21886	Demonstrate knowledge of specialist sanitary appliances and fixtures	3	5	C
30553	Demonstrate knowledge of the installation and maintenance of sanitary appliances and fixtures	4	8	
30554	Select, position, install, connect, commission, and maintain sanitary appliances and fixtures	4	6	
30555	Install basic sanitary plumbing systems	4	5	New

Standards with an asterisk (*) appear in the table more than once.