

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

Subfield	Domain	ID
Plumbing, Gasfitting and Drainlaying	Gasfitting	2114-2116, 2132, 21890, 21893, 21896, 21897-21900
	Plumbing	23847, 23848

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

Date new versions published

November 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.
- Three unit standards were reviewed as Category B.
- Ten unit standards were reviewed as Category C and replaced by seventeen new standards.
- Six new unit standards were developed.

Category C unit standards will expire at the end of December 2022

The last date for assessment of superseded versions of Category B unit standard is December 2022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
Standard	2114	2	Standards	30727	2
Standard	2115	2	Standards	30727	2

Impact on Consent and Moderation Requirements (CMR)

All unit standards moved from CMR 0008 to CMR 0003.

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 > Gasfitting

ID	Title	Level	Credit	Review Category
2114	Identify and describe hand tools and testing equipment for gasfitting	2	2	C
2115	Identify and describe trade equipment and power tools for gasfitting	2	1	C
30727	Demonstrate knowledge and use of gasfitting tools and testing equipment	2	4	
2116	Install, commission, and maintain consumer gas pipework	4	12	C
30715	Demonstrate knowledge of the installation, commissioning, and maintenance of consumer gas pipework	4	10	
30716	Determine supply requirements and install, commission, and maintain consumer gas pipework	4	10	
2132	Install, commission, and maintain gas metering equipment, and interpret and record gas meter data	4	6	C
30724	Demonstrate knowledge of installing and maintaining gas metering equipment, and interpretation of gas meter data	4	3	
21890	Install, commission, and maintain Type 1 gas appliances and equipment	4	22	C
30725	Demonstrate knowledge of the installation, commissioning, and maintenance of mechanical gas appliances and equipment	4	10	
30726	Install, commission, and maintain mechanical gas appliances and equipment	4	10	
21893	Install and commission Type 2 gas appliances and equipment	4	19	C
30707	Demonstrate knowledge of the installation and commissioning of electrically controlled gas appliances and equipment	4	10	
30708	Install and commission electrically controlled gas appliances and equipment	4	10	

ID	Title	Level	Credit	Review Category
21896	Demonstrate knowledge of the installation of Type 3 gas appliances and equipment	4	14	C
30719	Demonstrate knowledge of the key features of high consumption gas appliances and equipment	4	6	
21897	Demonstrate knowledge of the gasfitting of LPG cylinder systems for gas installations	3	4	C
30720	Demonstrate knowledge of the gasfitting of LPG cylinder systems for gas installations in buildings	4	5	
30721	Install LPG cylinder systems for gas installations in buildings	4	5	
30722	Demonstrate knowledge of the gasfitting of LPG cylinder systems for gas installations in mobile applications	4	5	
30723	Install LPG cylinder systems for gas installations in mobile applications	4	6	
21898	Identify, install, test, commission, and maintain gas control devices	4	10	C
30713	Demonstrate knowledge of the installation and maintenance of gas control and safety devices	4	5	
30714	Install and maintain gas control and safety devices	4	5	
21899	Identify, test, and maintain control and safety devices in gas appliances	4	10	C
30705	Demonstrate knowledge of the identification, testing, and maintenance of control and safety devices in gas appliances	4	5	
30706	Test, and maintain gas appliance control and safety devices	4	5	
21900	Demonstrate knowledge of safety requirements in gasfitting	3	4	B
30709	Demonstrate knowledge of electrical and electronics work for gas appliances.	4	2	New
30710	Demonstrate knowledge of flues for gas appliances	4	4	New
30711	Demonstrate knowledge of rules relating to flueless gas appliances	4	4	New
30712	Demonstrate knowledge of requirements for ventilation to provide combustion air	4	5	New
30717	Demonstrate knowledge of trade science for gasfitting	4	3	New
30718	Demonstrate knowledge of concepts and principles, and the properties of less frequently used materials for gasfitting	4	5	New

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ID	Title	Level	Credit	Review Category
23847	Prepare to test, and inspect and test, water supply backflow prevention devices	3	4	B
23848	Describe suitability, installation, and testing of water supply backflow prevention devices, and fault identification	3	4	B