

Field Engineering and Technology

Review of *Gas Industry* unit standards

Subfield	Domain	ID
Gas Industry	Gas Marketing, Business and Administration	11329, 11335, 20850, 24712, 24717, 24722, 30375, 30378, 30386, 30387
	Gas Network Construction	10972, 10983,
	Gas Network Operations	12497, 12498, 12509, 12519 , 19549, 19555, 23090
	Gas Network Planning and Development	12437
	Gas Transmission Operations	9569 , 9578, 18415, 18416, 18418, 18421, 25314

Waihangā Ara Rau Construction and Infrastructure Workforce Development Council (WDC) has completed the review of the unit standards listed above. The unit standards listed in **bold** are expiring.

Date new versions published

November 2022

Planned review date

December 2027

Summary

Waihangā Ara Rau WDC, the Gas Association of New Zealand (GANZ), organisations with consent to assess, and representatives from the Gas Reticulation industry have reviewed the unit standards listed above to update them in line with current industry practice, and to ensure they are fit for purpose. There were no objections to the proposed expiry of the unit standards designated for expiry.

The unit standards were reviewed during August and September 2022.

Main changes

- Titles were amended for five unit standards to better reflect the content.
- Guidance information, legislation, performance criteria, range statements, and Standard Setting Body contact details were amended in line with industry and current unit standard template requirements.
- 18 unit standards were designated expiring with no replacement as they are no longer required by the gas reticulation industry.
- Credit values for seven unit standards were amended to more accurately reflect the notional hours required to complete training and assessment.
- The level of unit standard 12509 was reduced from Level 5 to Level 4 to align with the complexity of skills and knowledge required to meet the outcomes.

Category D unit standards will expire at the end of December 2023

The last date for assessment of superseded versions of Category B unit standards is December 2025.

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 > Gas Industry > Gas Marketing, Business and Administration

ID	Title	Level	Credit	Review Category
11329	Demonstrate knowledge of the New Zealand gas industry	2	2	D
11335	Demonstrate knowledge of and use a data processing and billing system in the gas industry	4	8	D
20850	Prepare and process applications for gas connections	3	6	D
24712	Perform administrative procedures for reticulated gas connections, disconnections, reconnections, and relocations	4	8	D
24717	Demonstrate knowledge of applications, quotations, and documentation for gas connections	3	6	D
24722	Respond to gas safety, GMS, and network queries and describe the effects of major gas events	4	8	D
30375	Coordinate the response to a gas emergency incident from a contact centre	4	8	D
30386	Demonstrate knowledge of gas, gas safety, signs, symbols and terminology for gas industry support	3	4	D
30387	Demonstrate knowledge of business operations and relationships and regulation in the gas industry	4	8	D

Engineering and Technology > Gas Industry > Gas Network Construction

ID	Title	Level	Credit	Review Category
10972	Perform hydrostatic tests on gas mains and services	5	7 10	B
10983	Hot tap, test, and drill a steel pipe in a gas network Hot tap a steel pipe in a gas network	5	12 15	B

Engineering and Technology > Gas Industry > Gas Network Operations

ID	Title	Level	Credit	Review Category
12497	Demonstrate knowledge of legislation, regulation and documentation relating to gas industry operations Demonstrate knowledge of the regulatory framework for gas network operations	5	10 5	B
12498	Produce and monitor operational and safety procedures for a gas worksite Describe, prepare, and review operational and safety procedures for gas network operations	5	8 10	B
12509	Install and test cathodic protection points in a gas network Install cathodic protection in a gas network	5 4	7 10	B
12519	Demonstrate knowledge of odourisation in a gas network	3	3	D
19549	Make temporary repairs of gas escapes in a gas network Repair gas escapes in a gas network	4	10	B

ID	Title	Level	Credit	Review Category
19555	Assemble, install, test, and commission a standard gas pressure control and metering station	4	15	B
23090	Demonstrate knowledge of gas pressure control and metering station design	5	6 10	B

Engineering and Technology > Gas Industry > Gas Network Planning and Development

ID	Title	Level	Credit	Review Category
12437	Use and maintain electronic mapping information for a gas network	3	6	D

Engineering and Technology > Gas Industry > Gas Transmission Operations

ID	Title	Level	Credit	Review Category
9569	Operate odorant systems in a gas network	4	4	D
9578	Carry out a Direct Current Voltage Gradient (DCVG) survey on a steel gas pipe	4	3 8	B
18415	Demonstrate knowledge of gas filtration, and gas filtration and ancillary equipment in the gas industry	4	3	D
18416	Operate and maintain gas-fired water bath heater equipment in a gas network	4	4	D
18418	Operate and maintain main line valves in a gas network	5	6	D
18421	Demonstrate knowledge of the application of compression equipment in the gas industry	5	6	D
25314	Control excavations in the vicinity of a high pressure gas pipeline	4	4	D
30378	Demonstrate knowledge of erosion prevention and protecting under depth gas pipelines	4	6	D