

National Certificate in Gas Industry (Gas Distribution) (Level 2)

Level 2

Credits 49

This qualification has been **reviewed**. The last date to meet the requirements is 31 December 2020

This qualification has been replaced by the New Zealand Certificate in Reticulated Gas Pipelines (Level 3) [Ref: 3591].

Transition Arrangements

The last date for entry into programmes leading to this qualification is 31 December 2018. The last date for assessment is 31 December 2020, at which time the qualification will be discontinued.

People currently working towards this qualification may complete its requirements by the date specified above or transfer to a programme of study or training leading to the replacement qualification.

It is anticipated that no existing candidates will be disadvantaged by these transition arrangements. However, anyone who feels that they have been disadvantaged may appeal to the Standard Setting body at the address below.

For detailed information see [Review Summaries](#) on the NZQA website.

NZQF National Qualification Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	June 2003	December 2008
Revision	2	June 2004	December 2008
Revision	3	May 2005	December 2008
Review	4	October 2007	December 2020
Republished	4	January 2014	December 2020
Review	5	April 2017	December 2020

Standard Setting Body

NZ Motor Industry Training Organisation (Incorporated) (MITO)
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Reviewed

National Certificate in Gas Industry (Gas Distribution) (Level 2)

Level 2

Credits 49

Purpose

This National Certificate is designed for people in the gas distribution, gas pressure control, and gas measurement sectors of the gas industry, and recognises the skills and knowledge required by the New Zealand gas industry for certification as a trades operative assistant. It also provides evidence of competence for people who carry out non-gas-related work within the area of a gas distribution network and who are not employed in the gas distribution industry.

The compulsory section recognises the core skills and knowledge required to work safely under supervision in gas network activities. These include knowledge and skills specific to the gas industry such as interpreting and reporting technical information, and generic knowledge and skills including engineering power tool use, emergency response, and workplace health and safety.

This qualification contains optional standards that are not required for completion of the certificate. However, these may be considered necessary for some employment contexts within the gas industry.

This qualification leads to the National Certificate in Gas Measurement (Level 3) [Ref: 0399], the National Certificate in Gas Network Operations (Leakage Control) (Level 3) [Ref: 0400], the National Certificate in Gas Industry (Gas Transmission) (Level 3) [Ref: 0978], the National Certificate in Gas Network Construction (Pipelaying) (Level 3) [Ref: 1022], and the National Certificate in Gas Network Operations (Level 3) with optional strands in Operations and Maintenance; and Field Auditing [Ref: 1328].

Replacement Information

This qualification replaced the National Certificate in Gas Industry (Gas Distribution) (Level 2) with strands in Mainlaying, Servicelaying, and Leakage; Gas Measurement and Gas Pressure Control; and Corrosion Control [Ref: 0397].

Credit Range

	Compulsory	Optional
Level 1 credits	7	-
Level 2 credits	42	0-2
Level 3 and above credits	-	0-9
Minimum totals	49	0

Requirements for Award of Qualification

Award of NZQF National Qualifications

Credit gained for a standard may be used only once to meet the requirements of this qualification.

Unit standards and achievement standards that are equivalent in outcome are mutually exclusive for the purpose of award. The table of mutually exclusive standards is provided on the New Zealand Qualifications Authority (NZQA) website: <http://www.nzqa.govt.nz/qualifications-standards/standards/standards-exclusion-list/>.

Reviewed standards that continue to recognise the same overall outcome are registered as new versions and retain their identification number (ID). Any version of a standard with the same ID may be used to meet qualification requirements that list the ID and/or that specify the past or current classification of the standard.

Summary of Requirements

- Compulsory standards

Detailed Requirements

Compulsory

The following standards are required

Community and Social Services > Community and Workplace Fire and Emergency Management > Workplace Fire and Emergency Response

Id	Title	Level	Credit
3271	Suppress fire with hand extinguishers and fixed hose reels	2	1

Engineering and Technology > Gas Industry > Gas Marketing, Business and Administration

Id	Title	Level	Credit
11327	Identify public relations roles and community liaison responsibilities in the gas industry	2	4
11329	Demonstrate knowledge of the New Zealand gas industry	2	2

Engineering and Technology > Gas Industry > Gas Measurement

Id	Title	Level	Credit
23085	Describe the storage, handling, transporting, and fitting of gas meters up to 25 cubic metres capacity	2	2

Engineering and Technology > Gas Industry > Gas Network Construction

Id	Title	Level	Credit
10994	Read and interpret plans and drawings and complete a mark-out in a gas distribution network	2	4
10995	Draft information for as-built drawing in a gas distribution network	2	3

Engineering and Technology > Gas Industry > Gas Network Operations

Id	Title	Level	Credit
11326	Interpret symbols, signs, and terminology specific to a gas distribution network	2	2
12502	Use pressure gauges and recorders in a gas distribution network	2	3
12520	Demonstrate knowledge of a gas distribution network	2	4
12521	Demonstrate knowledge of pressure in a gas distribution network	2	4
17690	Identify potential hazards of and safety precautions for working with live reticulated gas	2	6

Engineering and Technology > Mechanical Engineering > Engineering Core Skills

Id	Title	Level	Credit
2396	Select, use and maintain portable hand held engineering power tools	2	4

Engineering and Technology > Petrochemical Industry > Petrochemical Operations
Communication and Responses

Id	Title	Level	Credit
9631	Use personal protective equipment in a petrochemical environment	2	2

Health > Health Studies > Core Health

Id	Title	Level	Credit
6401	Provide first aid	2	1
6402	Provide resuscitation level 2	1	1

Health > Occupational Health and Safety > Occupational Health and Safety Practice

Id	Title	Level	Credit
497	Demonstrate knowledge of workplace health and safety requirements	1	3

Humanities > Communication Skills > Writing

Id	Title	Level	Credit
3490	Write an incident report	1	3

Optional Standards

The following standards are optional

Community and Social Services > Fire and Rescue Services > Fire and Rescue Services - Generic Fire Fighting

Id	Title	Level	Credit
3272	Wear and operate breathing apparatus in general emergencies	3	3

Engineering and Technology > Civil Works and Services > Civil Infrastructure Health, Safety, and Environment

Id	Title	Level	Credit
20877	Demonstrate knowledge of working safely at sites under temporary traffic management	2	1

Engineering and Technology > Gas Industry > Gas Network Construction

Id	Title	Level	Credit
10992	Use pipe and cable locators in a gas distribution network	3	3

Engineering and Technology > Gas Industry > Gas Network Operations

Id	Title	Level	Credit
12526	Use fresh air distance breathing apparatus in a gas distribution network	3	3

Engineering and Technology > Highway Construction and Maintenance > Temporary Traffic Management

Id	Title	Level	Credit
20878	Assist with temporary traffic management for low volume and Level 1 roads	2	1

Transition Arrangements

Version 4

Version 4 of this qualification was issued following the planned review and taking account of a review of gas industry standards, New Zealand gas industry competency requirements, and feedback from industry, assessors, and providers. It was subsequently republished to include reverse transition arrangements for expiring standards 6401 and 6402.

Changes to structure and content

- standards 3490 and 23085 added to compulsory section
- standards 20877 and 20878 moved from compulsory to optional section
- standard 1099 removed from optional section
- standard titles, levels, and credits updated

- total credits increased from 44 to 49
- prerequisite diagram added
- qualification pathway diagram updated.

For detailed information see [Review Summaries](#) on the NZQA website.

Version 4 of this qualification contains standards that will expire in December 2015. For the purposes of this qualification, people who have gained credit for the replacement standards are exempt from the requirement to gain credit for the expiring standards – see table below.

Credit for	Exempt from
26552	6401
26551	6402

Version 4 of this qualification contains standards that are being used as substitutes for earlier standards. For the purposes of this qualification, people who have gained credit for the earlier standards are exempt from the requirement to gain credit for the substitute standards – see table below.

Credit for	Exempt from
5627	20877, 20878

It is not intended that anyone is disadvantaged by this review, and the above arrangements have been designed for a smooth transition. However, anyone who feels they have been disadvantaged may appeal to NZ Motor Industry Training Organisation (Incorporated).

All new trainees will be enrolled in programmes leading to the new version of the qualification.

People currently working towards versions 1, 2, or 3 of this qualification may either complete the requirements for that version or transfer existing credits to version 4.

Previous versions of the qualification

Version 3 was issued following the review of the Temporary Traffic Control standards undertaken by InfraTrain New Zealand. Standard 5627 was replaced with 20877 and 20878, total credits decreased from 45 to 44, and the Temporary Traffic Control domain name was updated to Temporary Traffic Management.

Version 2 was issued following the review of the Fire and Rescue Services, and Gas Industry standards. Titles, levels and credits of reviewed standards were updated, the credit total decreased from 47 to 45, and the qualification pathway diagram was updated. The Standard Setting Body information was updated to take account of the amalgamation of the Gas and Petrochemical Industry Training Organisation with the NZ Motor Industry Training Organisation (Incorporated).

Version 1 replaced the National Certificate in Gas Industry (Gas Distribution) (Level 2) with strands in Mainlaying, Servicelaying, and Leakage; Gas Measurement and Gas Pressure Control; and Corrosion Control [Ref: 0397]. There were significant differences between the two qualifications.

Other standard setting bodies whose standards are included in the qualification

Competenz
 Fire and Rescue Services Industry Training Organisation
 Infrastructure ITO
 New Zealand Industry Training Organisation
 NZQA

Certification

This certificate will display the logos of NZQA, the NZ Motor Industry Training Organisation (Incorporated), and the organisation that has been granted consent to assess against standards that meet the requirements of the qualification.

Classification

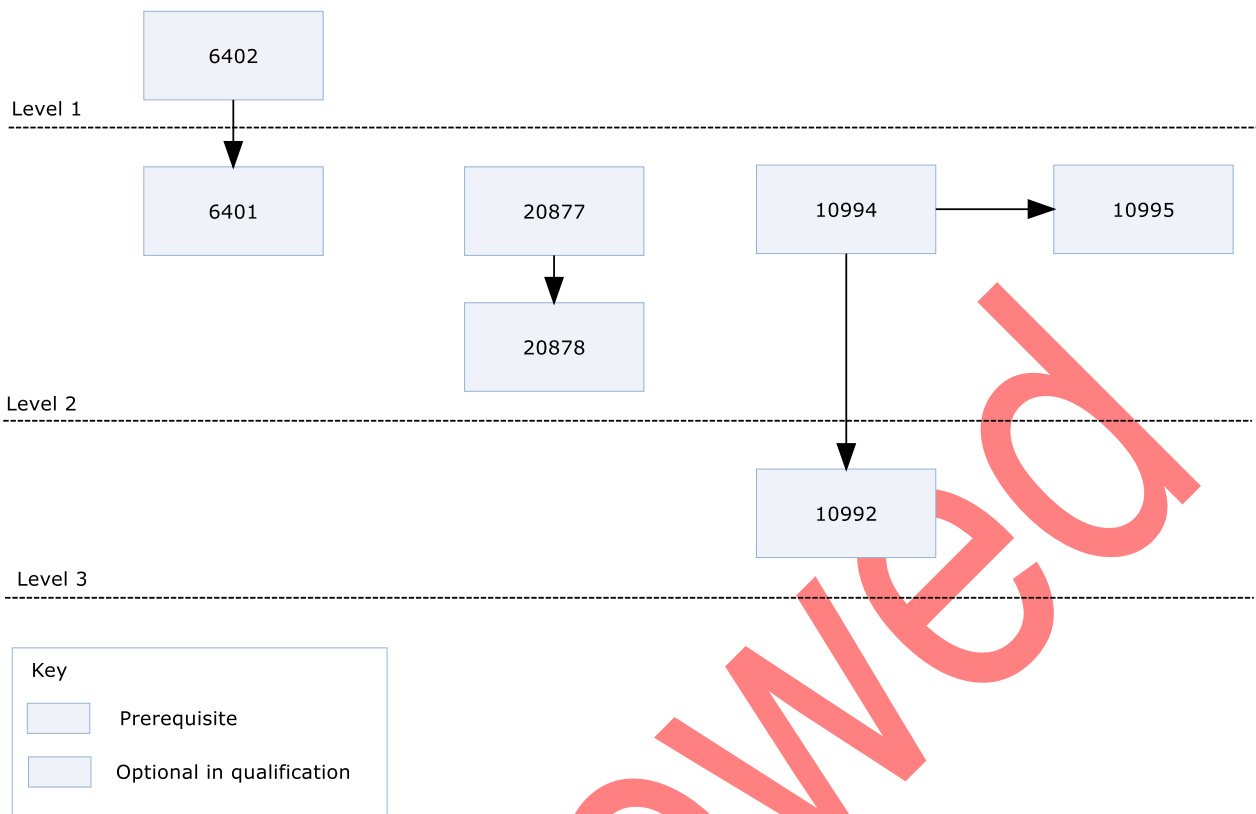
This qualification is classified according to the classification system listed on the Directory of Assessment Standards (DAS) and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

DAS Classification		NZSCED	
Code	Description	Code	Description
345	Engineering and Technology > Gas Industry	039999	Engineering and Related Technologies > Other Engineering and Related Technologies > Engineering and Related Technologies not elsewhere classified

Quality Management Systems

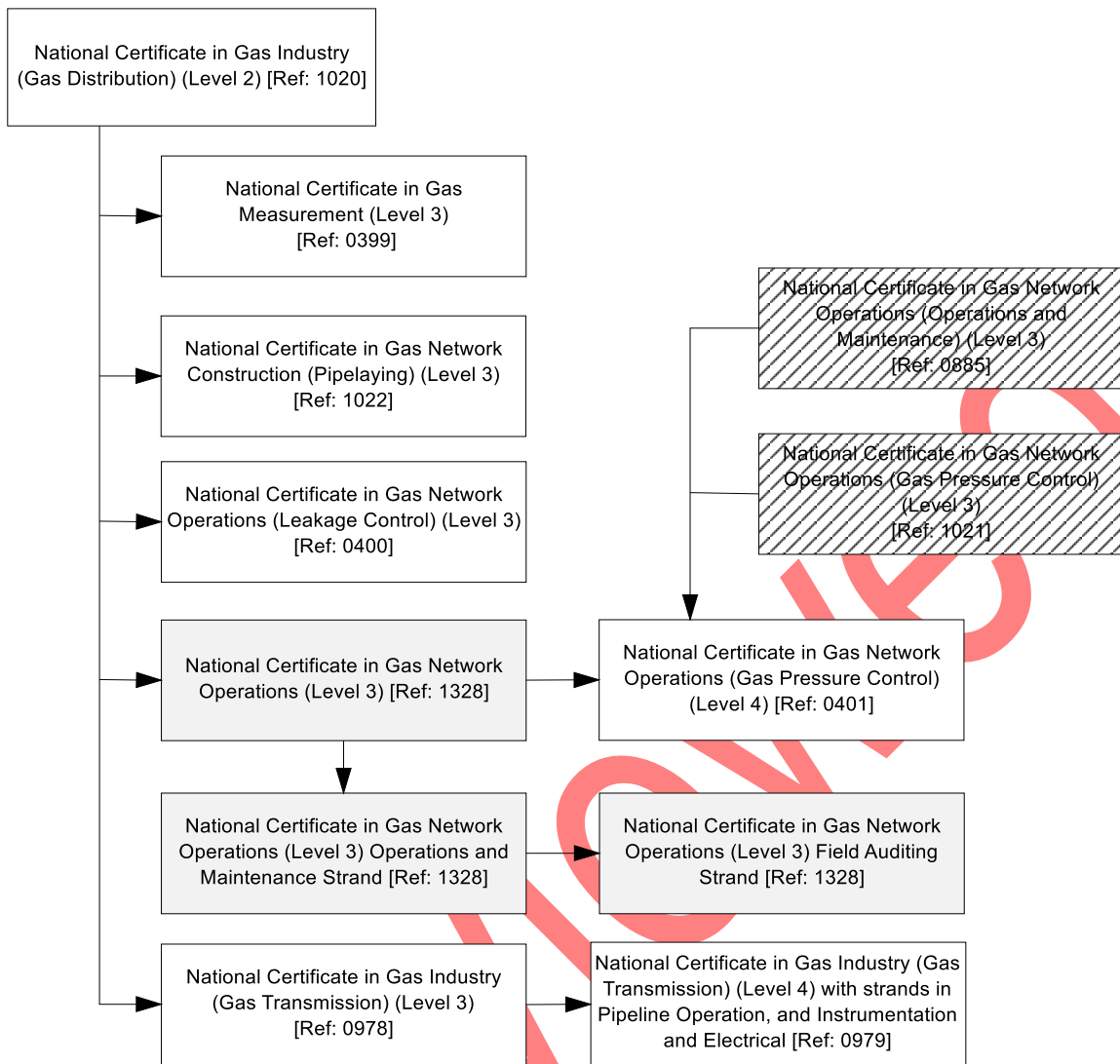
Providers and Industry Training Organisations must be granted consent to assess by a recognised Quality Assurance Body before they can register credits from assessment against standards. Organisation with consent to assess and Industry Training Organisations assessing against standards must engage with the moderation system that applies to those standards. Consent to assess requirements and the moderation system are outlined in the associated Consent and Moderation Requirements (CMR) for each standard.

Prerequisite Diagram



REVIEWED

Gas Industry Qualification Pathway



Key

- Qualification appears more than once in this diagram
- Qualification is expiring