

## National Certificate in Gasfitting

**Level** 4

**Credits** 171

This qualification has been **reviewed**. The last date to meet the requirements is 31 December 2022.

### Transition Arrangements

This qualification has been reviewed and replaced by the New Zealand Certificate in Gasfitting (Level 4) [Ref: 2662].

The last date for entry into programmes leading to the replaced qualification [Ref: 0201] is 31 December 2017, when the replaced qualification will be designated expiring.

The last date to meet the requirements of the replaced qualification will be 31 December 2022 when the qualification will be discontinued. From that date no results can be reported against the qualifications.

People currently working towards the replaced qualification may either complete the requirements by 31 December 2022 or transfer their results to the replacement qualification.

This qualification contains expiring unit standards (6400, 6401, 6402) which will be reinstated by 31 December 2015.

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

### NZQF National Qualification Registration Information

Process	Version	Date	Last Date for Assessment
Registration	1	September 1996	December 2011
Revision	2	January 1998	December 2011
Revision	3	April 2005	December 2011
Review	4	January 2008	December 2022
Review	5	June 2015	December 2022

### Standard Setting Body

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Reviewed

## National Certificate in Gasfitting

<b>Level</b>	<b>4</b>
<b>Credits</b>	<b>171</b>

### Purpose

This qualification recognises competence in the gasfitting trade. Holders of this qualification are able to demonstrate knowledge and skills in: use of gasfitting tools and equipment; excavation and trenching; the installation and necessary maintenance of gasfitting pipework, ducting, appliances, systems, and equipment; health, safety, and emergency requirements relating to gasfitting activities; good work habits, customer services and relations, and ethical behaviour; job requirements and job costing factors; drawing patterns; and constructing sheet metal products.

This qualification shares unit standards in common with the National Certificate in Draining [Ref: 0077] and the National Certificate in Plumbing [Ref: 0202]. People undertaking or completing the National Certificate in Gasfitting [Ref: 0201] often complete the National Certificate in Plumbing [Ref: 0202] and vice versa.

People awarded this qualification may apply for registration as a gasfitter under the Plumbers, Gasfitters, and Drainlayers Act 2006. Registration will be dependent on the applicant meeting additional Plumbers, Gasfitters and Drainlayers Board (PGDB) requirements. The PGDB, in accordance with the Plumbers, Gasfitters, and Drainlayers Act 2006, reserves the right at all times to register or not register.

### Credit Range

Level 1 credits	7
Level 2 credits	16
Level 3 credits	44
Level 4 credits	104
Total	171

### Requirements for Award of Qualification

- Compulsory standards

**Award of NQF 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 in section 7 of the New Zealand Qualifications Authority (NZQA) *Rules and Procedures* publications available at <http://www.nzqa.govt.nz/ncea/acrp/index.html>.

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.

**Detailed Requirements****Compulsory**

The following standards are required

Core Generic > Core Generic > Work and Study Skills

ID	Title	Level	Credit
4249	Demonstrate care and timeliness as an employee	1	3

Health > Health Studies > Core Health

ID	Title	Level	Credit
6400	Manage first aid in emergency situations	3	2
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
18426	Demonstrate knowledge of hazards associated with confined space	3	4

Humanities > Communication Skills > Writing

ID	Title	Level	Credit
3490	Write an incident report	1	3

Planning and Construction > Construction > Construction Health and Safety, and Injury Prevention

ID	Title	Level	Credit
15757	Employ fall arrest systems on building and construction sites	3	4
21209	Demonstrate knowledge of and carry out health and safety procedures for a building construction site	2	4

## Planning and Construction &gt; Construction Trades &gt; Core Construction

ID	Title	Level	Credit
2138	Demonstrate knowledge of asbestos and safety procedures	2	1

## Planning and Construction &gt; Plumbing, Gasfitting and Drainlaying &gt; Core Plumbing, Gasfitting, and Drainlaying

ID	Title	Level	Credit
1099	Excavate and trench for plumbing, gasfitting, or drainlaying	3	9
2157	Install and maintain air heating and ventilation ducting and equipment	3	5
21879	Determine job requirements and describe job pricing factors for plumbing, gasfitting, or drainlaying	3	3
21881	Describe ethical and legal considerations for plumbing, gasfitting, or drainlaying services	2	2
21882	Interpret drawings and specifications and draw drawings for plumbing, gasfitting, or drainlaying	4	6
21883	Demonstrate knowledge of hazards and precautions for working with gas in plumbing, gasfitting, or drainlaying	2	3
21887	Draw patterns and construct sheet metal products for plumbing or gasfitting requirements	4	5
23845	Demonstrate metal welding for plumbing or gasfitting	3	9

## Planning and Construction &gt; Plumbing, Gasfitting and Drainlaying &gt; Gasfitting

ID	Title	Level	Credit
2114	Identify and describe hand tools and testing equipment for gasfitting	2	2
2115	Identify and describe trade equipment and power tools for gasfitting	2	1
2116	Install, commission, and maintain consumer gas pipework	4	12
2132	Install, commission, and maintain gas metering equipment, and interpret and record gas meter data	4	6
21890	Install, commission, and maintain Type 1 gas appliances and equipment	4	22
21893	Install and commission Type 2 gas appliances and equipment	4	19
21896	Demonstrate knowledge of the installation of Type 3 gas appliances and equipment	4	14
21897	Demonstrate knowledge of the gasfitting of LPG cylinder systems for gas installations	3	4
21898	Identify, install, test, commission, and maintain gas control devices	4	10

ID	Title	Level	Credit
21899	Identify, test, and maintain control and safety devices in gas appliances	4	10
21900	Demonstrate knowledge of safety requirements in gasfitting	3	4

## Service Sector &gt; Service Sector Skills &gt; Service Sector - Core Skills

ID	Title	Level	Credit
57	Provide customer service in given situations	2	2

## Transition Arrangements

### Version 4

Version 4 was issued following the review of the Plumbing, Gasfitting, Drainlaying, and the Core Construction unit standards.

Changes to structure and content

- The total credits increased from 134 to 171
- Unit standards 57, 2157, 3490, 4249, 6400-6402, 15757, 18426, 21209, 21879, 21881-21883, 21890, 21893, and 21896-21900 were added
- Expiring unit standards 2135 and 2158 were replaced by unit standards 23845 and 21887 respectively
- Unit standards 2118, 2121- 2124, 2129, 2133, 2139, and 2142 were removed
- Unit standard titles, levels and credit values were updated to reflect changes made in the unit standard review.

For detailed information see Review Summaries on the NZQA website.

People currently enrolled in programmes leading to the award of previous versions of this qualification may either complete that version, or transfer to this version. The last date for entry to training programmes for previous versions of this qualification is 31 December 2008.

This qualification contains standards that replace earlier standards. For the purposes of this qualification, people who have gained credit for the expiring standards are exempt from the requirement to gain credit for the replacement standards – see table below:

Credit for	Exempt from
2131	21887
2158	21887
2135	23845
2162	23845

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 The Skills Organisation at the address given below.

### Previous versions of the qualification

Version 3 was issued in order to remove unit standard 2117 from the requirements, as this unit standard was not required by industry. Changes were also made to the purpose statement as the requirements for registration as a gasfitter were incorrectly stated. The qualification document format was updated in the process and the expired Transition Action Plan (TAP) removed.

Version 2 was issued to take account of the review of unit standard 2117.

Version 1 of this qualification replaced the **Trade Certificate in Gasfitting**. Transition arrangements from the Trade Certificate to this National Certificate expired in December 1998 and the last date for award of the Trade Certificate in Gasfitting was December 1999. For further information regarding the expired TAP please contact The Skills Organisation (contact details below).

### Other standard setting bodies whose standards are included in the qualification

Building and Construction Industry Training Organisation  
New Zealand Industry Training Organisation – Industrial Health and Safety Advisory Group  
NZQA

### Certification

The certificate will display the logos of NZQA and The Skills Organisation.

### Classification

This qualification is classified according to the NQF classification system and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

DAS Classification		NZSCED	
Code	Description	Code	Description
686	Planning and Construction > Plumbing, Gasfitting and Drainlaying > Gasfitting	040327	Architecture and Building > Building > Plumbing, Gasfitting and Drainlaying

### Quality Management Systems

Providers and Industry Training Organisations must be accredited by a recognised Quality Assurance Body before they can register credits from assessment against standards. Accredited providers and Industry Training Organisations assessing against standards must engage with the moderation system that applies to those standards. Accreditation requirements and the moderation system are outlined in the associated Accreditation and Moderation Action Plan (AMAP) for each standard.

### Prerequisite Diagram

