

National Certificate in Locksmithing

Level 4

Credits 230

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

Transition Arrangements

This qualification was republished in October 2017 to extend the last date for enrolment from 31 December 2017 to 31 December 2018, and the last date of assessment from 31 December 2021 to 31 December 2022.

This qualification has been replaced by the New Zealand Certificate in Locksmithing (Trade) (Level 4) [Ref: 2718].

The last date for entry into programmes leading to this qualification is 31 December 2018. The last date for assessments to take place for this qualification is 31 December 2022, when the qualification will be discontinued.

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

This qualification contains expiring unit standards for which replacement unit standards have now been registered. Candidates who have gained credit for the replacement unit standards are exempt from the requirement to gain credit for the expiring unit standards.

Credit for	Exempt from
26551, 26552	6400, 6401, 6402
29479, 29480	15845
29549	20917
29671, 29673	21906
28298	403
29674	21909
29782, 29784	2780
30573	22800

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

NZQF Registration Information

Process	Version	Date	Last Date for Award
Registration	1	March 1998	December 2010
Revision	2	February 2000	December 2010
Review	3	October 2006	December 2022
Review	4	July 2015	December 2022
Republication	4	May 2016	December 2022
Republication	4	October 2017	December 2022

Standard Setting Body

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Email qualifications@competenz.org.nz
Website www.competenz.org.nz

Reviewed

National Certificate in Locksmithing

Level 4

Credits 230

Purpose

This qualification is for people employed, or seeking to be employed, in the Locksmithing industry to gain recognition for the relevant skills and knowledge required by the industry for a competent locksmith.

People awarded with this qualification are able to design, install, and service a wide range of locking systems; manufacture a range of key types; and utilise a range of locksmithing competencies covering motor vehicles, safes, and other specialist locking systems. They will be able to safely utilise the specific knowledge, skills, and tools to required industry specifications while maintaining the ethics and integrity of the locksmithing industry.

The elective components of this qualification allow people to develop generic work skills, such as computing, basic first aid skills that are desirable within the industry, and any other industry specific skills.

This qualification forms a pathway for those who have completed National Certificate in Mechanical Engineering (Level 2) [Ref: 1220] to specialise in Locksmithing and may lead to the National Diploma in Engineering (Mechanical Engineering) (Level 6) [Ref: 0534].

Credit Range

	Compulsory	Elective	
		Set 1	Set 2
Level 1 credits	8	0-1	-
Level 2 credits	59	0-34	0-3
Level 3 credits	27	0-15	0-10
Level 4 or above credits	70	3-66	0-10
	-	53-66	0-13
Minimum totals	164	66	

Requirements for Award of Qualification

This qualification will be awarded to people who have met the requirements of the compulsory and elective sets.

Compulsory

All the standards listed are required.

Elective

A minimum of 66 credits is required from Set 1 or a combination of Set 1 and Set 2.

Set 1

A minimum of 53 credits is required from the listed unit standards.

Set 2

The balance of credits, if required, may come from the Welding domain.

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 the Qualifications Authority *Rules and Procedures* publications available at www.nzqa.govt.nz/ncea/.

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 Qualification Requirements

Compulsory

All the standards listed below are required.

Field Core Generic
 Subfield Core Generic
 Domain Work and Study Skills

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

Field Engineering and Technology
 Subfield Mechanical Engineering
 Domain Engineering – Materials

Id	Title	Level	Credit
20917	Demonstrate basic knowledge of engineering materials	2	2

Domain Engineering – Measurement

Id	Title	Level	Credit
4433	Select, use, and care for simple measuring devices used in engineering	1	2
4435	Select, use, and care for engineering dimensional measuring equipment	2	3

Domain Engineering Core Skills

Id	Title	Level	Credit
2395	Select, use and care for, engineering hand tools	2	4
2396	Select, use and maintain portable hand held engineering power tools	2	4
21911	Demonstrate knowledge of safety on engineering worksites	2	1
21912	Apply safe working practices on an engineering worksite	2	2

Domain Engineering Machining and Toolmaking

Id	Title	Level	Credit
11661	Produce components by performing basic engineering drilling operations	2	8

Domain Locksmithing

Id	Title	Level	Credit
12906	Cut pin and wafer keys using the duplication method	2	2
12907	Cut lever and warded keys using the duplication method	2	4
12908	Cut keys to code	2	5
12909	Make a key without a duplicate or a code	4	20
12910	Maintain and care for key cutting machines	2	4
12911	Identify and cut keys for high security locks	2	3
12912	Design residential and light commercial locking systems	3	5
12915	Install mortice and rim fitted locking devices	3	8
12916	Service and repair locking devices	4	20
12917	Manipulate locks	3	6
12919	Service and repair automotive mechanical locking systems	4	20
12925	Demonstrate knowledge of locksmithing ethics	2	3
22451	Use and maintain lock installation tools	2	6
22453	Plan and prepare a master key system for in-line pin lock cylinders	4	10
22455	Assemble and test key mechanisms	3	5

Subfield Motor Industry
Domain Vehicle Bodywork

Id	Title	Level	Credit
22799	Demonstrate safety precautions on vehicles fitted with air bags and/or seatbelt pre-tensioners	3	1
22800	Describe safe working precautions on vehicles equipped with air bags and seatbelt pre-tensioners	3	2

Field Health
Subfield Occupational Health and Safety
Domain Occupational Health and Safety Practice

Id	Title	Level	Credit
497	Protect health and safety in the workplace	1	1

Field Humanities
Subfield Communication Skills
Domain Interpersonal Communications

Id	Title	Level	Credit
1277	Communicate information in a specified workplace	2	3

Field Service Sector
 Subfield Retail, Distribution, and Sales
 Domain Sales Transactions

Id	Title	Level	Credit
403	Receive customer payments	2	3

Subfield Service Sector Skills
 Domain Service Sector – Core Skills

Id	Title	Level	Credit
57	Provide customer service in given situations	2	2
64	Perform calculations for the workplace	1	2

Elective

A minimum of 66 credits is required from Set 1 or a combination of Set 1 and Set 2.

Set 1

A minimum of 53 credits is required from the listed unit standards.

Field Computing and Information Technology
 Subfield Computing
 Domain Generic Computing

Id	Title	Level	Credit
2780	Demonstrate and apply knowledge of a personal computer system	2	9

Field Engineering and Technology
 Subfield Electrical Engineering
 Domain Core Electrical

Id	Title	Level	Credit
750	Demonstrate knowledge of electrical test instruments and take measurements	2	2
6626	Demonstrate knowledge of electrical and electronic components	2	3
15845	Draw and explain simple electrical diagrams	2	4
15849	Perform manual soldering and de-soldering procedures for electrotechnology work	2	2

Domain Electrical Installation and Maintenance

Id	Title	Level	Credit
15859	Demonstrate knowledge of electrical cables and accessories	3	7

Subfield Electronic Engineering
 Domain Core Electronics

Id	Title	Level	Credit
5934	Prevent electrostatic damage to electronic components	2	1

Subfield Mechanical Engineering
 Domain Engineering, Machining and Toolmaking

Id	Title	Level	Credit
11662	Produce components by performing basic engineering	2	12

	turning operations		
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Domain Locksmithing

Id	Title	Level	Credit
12913	Design commercial locking systems	4	15
12914	Service institutional locking systems	5	20
12920	Service safes and strongrooms	4	15
12921	Install and commission safes	4	6
12922	Install and commission bookroom and strongroom doors	5	12
12923	Open and repair safes and strongrooms	5	20
12924	Provide residential security and risk advice as a locksmith	3	2
12926	Install and service door control devices	3	4
22452	Service automotive electronic locking systems	4	15
22454	Develop, modify and implement a commercial master key system and modify in-line pin systems	5	10

Field Health
 Subfield Health Studies
 Domain 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

Set 2

The balance of credits, if required, may come from the Welding domain.

Field	Subfield	Domain
Engineering and Technology	Mechanical Engineering	Welding

Transition Arrangements

Version 3

Version 3 was issued following the review.

Changes to structure and content

- Titles, levels, and credits of reviewed unit standards have been updated.
- Engineering Core Skills unit standard 2824 has been replaced by unit standards 21911 and 21912.
- Engineering Materials unit standard 4795 has been replaced by unit standard 20917.
- Carpentry unit standards 13037 and 12998 have been replaced by new unit standard 22451.
- Locksmithing unit standard 12918 has been replaced by two unit standards, 22453 and 22455.
- Unit standard 12919 has been transferred from the elective to the compulsory section of the qualification.
- Unit standard 2629 has been replaced by unit standards 22799 and 22800 and have been transferred to the compulsory section.

- Unit standards, 22452 and 22454 have been added to the elective section of the qualification.
- Welding unit standard 2670 has been replaced by unit standard 21907, and unit standards 2679 and 2682 have been removed from the elective section leaving electives from the welding domain open.
- Electronic unit standard 5936 has been removed and Electrical unit standard 15849 has been added.
- First Aid unit standard 6400 has been added to the elective section of the qualification.
- Service Sector unit standard 58 has been replaced by unit standard 57 in the compulsory section of the qualification.
- Credit total for this qualification has increased from 223 to 230 credits.
- Elective B has been removed from the qualification.
- Level 4 has been taken out from the title of the qualification.

People currently working towards version 1 or version 2 of this qualification may either complete the requirements for those versions or transfer their results to this version of the qualification. The last date for people to complete version 1 or version 2 is 31 December 2010.

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

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.

Credit for	Exempt from
58	57
2629	22799 and 22800
2824	21911 and 21912
2670	21907
4795	20917
5936	15849
12918	22453 and 22455
12998 and 13037	22451
28298	403

It is not intended that anyone be 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 Competenz at the address below.

The start date for entry to training programmes or courses leading to the award of version 3 is November 2006.

Previous versions of the qualification

Version 2

Version 2 was issued to reflect the reviews of Electrical Engineering, Motor Industry, Construction Trades, and Core Health unit standards.

Any person or organisation may contribute to the review of this qualification by sending feedback to the standard setting body at the above address.

The review of this qualification is planned to take place in 2011.

Other standard setting bodies whose standards are included in the qualification

New Zealand Qualifications Authority
 New Zealand Industry Training Organization
 Electrical Technology Industry Training Organization
 Motor Industry Training Organization
 Retail Industry Training Organization

Certification

The certificate will display the logos of the Qualifications Authority and Competenz.

Classification

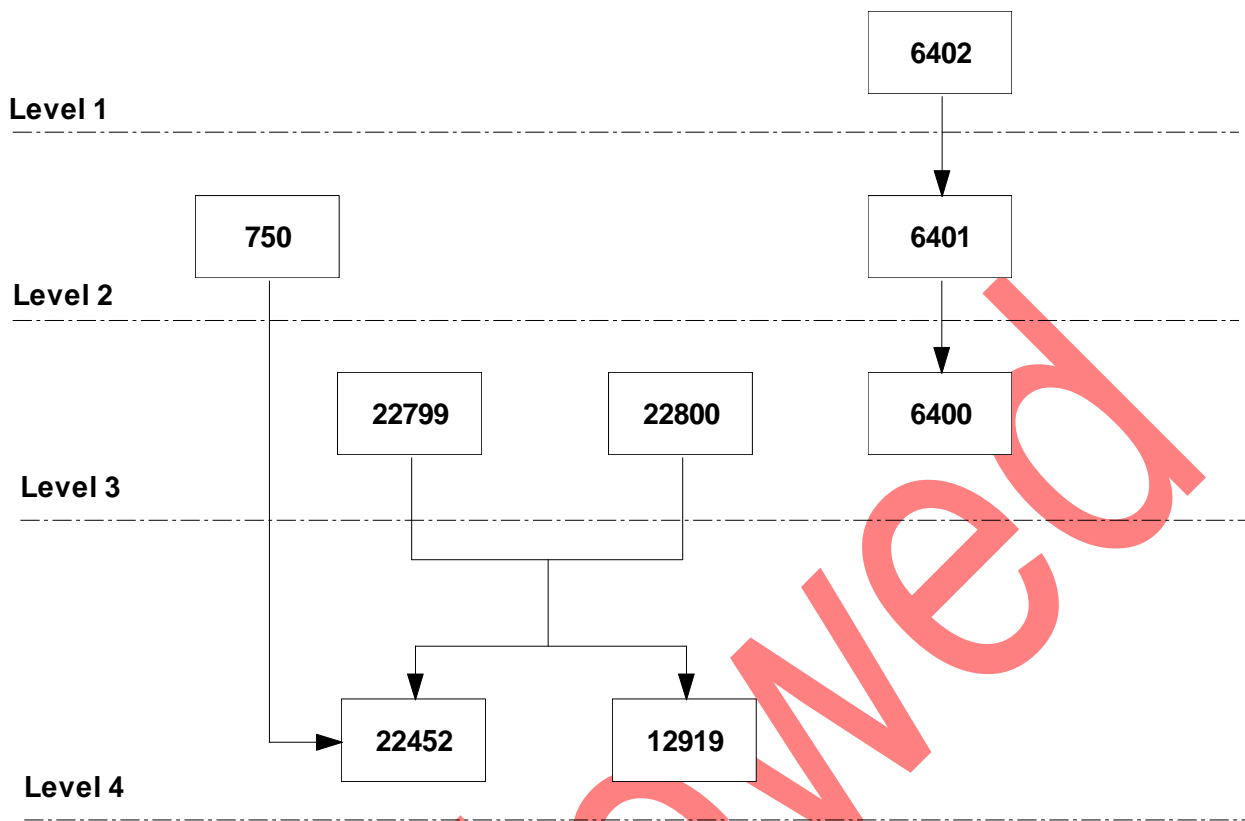
This qualification is classified according to the NQF classification system and the New Zealand Standard Classification of Education (NZSCED) system as specified below.

DAS Classification		NZSCED	
Code	Description	Code	Description
1561	Engineering and Technology/Mechanical Engineering/Locksmithing	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 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



Reviewed