

**NATIONAL CERTIFICATE in Gunsmithing (Master) (Level 5)****Level 5****Credits 85**

This qualification has been reviewed. The last date to meet the requirements is 31 December 2015.

**Transition Arrangements**

The review occurred as a result of the mandatory review of Mechanical Engineering qualifications, part of the Targeted Review of Qualifications (TRoQ).

The last date for entry to programmes leading to qualification is 31 July 2015. The last date for assessments to take place for this qualification is 31 December 2015, when the qualification will be discontinued.

This qualification contains expired and expiring standards for which replacement unit standards have now been registered.

Credit for	Exempt from
22915	2394
27446	4803
27446	20800

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

**NZQF National Qualification Registration Information**

Process	Version	Date	Last Date for Assessment
Registration	1	July 1997	December 2015
Revision	2	November 1997	December 2015
Review	3	July 2015	December 2015

**Standard-setting body responsible for the qualification:**

Competenz  
PO Box 9005  
Newmarket  
Auckland 1149

Telephone 0800 526 1800  
Email [qualifications@competenz.org.nz](mailto:qualifications@competenz.org.nz)  
Website [www.competenz.org.nz](http://www.competenz.org.nz)

**NATIONAL CERTIFICATE *in*  
Gunsmithing (Master) (Level 5)**

1 of 9  
(version 2)

level of qualification: 5

credit total: 85

	Compulsory	Elective A	Elective B
level 4 credits:			0-10
level 5 credits:	55	20	0-10
level 6 and above:			0-10
minimum totals:	55	20	10

**field, sub-field and domains:**

BUSINESS AND FINANCIAL SERVICES

Management  
small business management

EDUCATION

Generic Education and Training  
assessment of learning

ENGINEERING AND TECHNOLOGY

Mechanical Engineering  
engineering - materials  
engineering - measurement  
engineering drawing and design  
engineering machining and toolmaking  
engineering patternmaking  
gunsmithing  
mechanical commissioning  
mechanical installation  
metal casting  
welding

## HUMANITIES

Communication Skills  
interpersonal communications

## LAW AND SECURITY

Security  
security management

## MANUFACTURING

Furniture  
furniture making

**other standard-setting bodies whose unit standards are included in the qualification:**

Business and Management National Standards Body  
Communications Advisory Group  
Education - Adult Education and Training Advisory Group  
ElectroTechnology Industry Training Organisation - Security and Private Investigators Advisory Group  
NZ Furniture Industry Training Organisation

**1 purpose**

The skills and knowledge recognised by this certificate include a combination of advanced technology, supervisory, and small business management areas, together with substantial in-depth knowledge on all aspects of arms legislation, and the safety and security of arms.

People awarded with this qualification are able to use their technical knowledge and skills in diagnosing faults, overhauling and testing a diverse range of firearms. In addition they will be able to supervise and advise others on all aspects of Arms legislation, safety and security of arms, and technical matters relating to Gunsmithing. Holders of this qualification are likely to have considerable experience in Gunsmithing, own a small gunsmithing business or are likely to aspire to such ownership. They may also be involved fully or partially in the conservation and restoration of arms in general. People working on firearms or parts of firearms are required to hold an *A Licence for General Firearms*.

This qualification will lead to qualifications at level 6 and above which have yet to be developed.

## 2 regulations for the qualification

### 2.1 entry information for programmes of education and training assessed against the unit standards in the qualification

Prerequisite: National Certificate in Gunsmithing (Level 4), or demonstrate equivalent knowledge and skills.

### 2.2 recognition of prior learning

Will be carried out by accredited providers or EITO registered workplace assessors in accordance with NZQA guidelines.

### 2.3 qualification requirements

This qualification will be awarded to all learners who satisfy the compulsory and elective unit standards that meet the total specified credit total according to the following:

#### **Compulsory**

*All the unit standards listed*

#### **Elective A**

*A minimum of 20 credits*

#### **Elective B**

*A minimum of 10 credits*

**unit standards required****Compulsory**

FIELD: ENGINEERING AND TECHNOLOGY

Sub-field: Mechanical Engineering

domain: gunsmithing

Unit No.	Unit Standard Title	Level	Credit
9720	Advise on arms legislation and demonstrate to others the safe use and security of arms	5	30
9724	Diagnose faults, overhaul, and test firearms	5	25

**Elective A***A minimum of 20 credits*

FIELD: ENGINEERING AND TECHNOLOGY

Sub-field: Mechanical Engineering

domain: engineering - materials

Unit No.	Unit Standard Title	Level	Credit
4803	Identify heat treatment of tool steels and surface heat treatment processes for engineering metals	5	7

domain: engineering - measurement

Unit No.	Unit Standard Title	Level	Credit
4442	Select, use and care for engineering geometrical tolerancing measuring devices and equipment	5	6

domain: engineering drawing and design

Unit No.	Unit Standard Title	Level	Credit
2440	Undertake non critical design of engineering components and assemblies	5	15
2441	Create complex three dimensional engineering model	5	15

domain: engineering machining and toolmaking

Unit No.	Unit Standard Title	Level	Credit
2716	Produce components by performing jig boring operations	5	15
2717	Produce components by performing precision engineering milling operations	5	15
2718	Produce components by performing precision engineering grinding operations	5	15
2719	Write programmes for Computer Numerical Controlled machining centres using proprietary software	5	12
2720	Write programmes for multi axis Computer Numerical Controlled turning centres using proprietary software	5	12

domain: engineering patternmaking

Unit No.	Unit Standard Title	Level	Credit
2370	Design patterns/tooling for industry	5	15

domain: gunsmithing

Unit No.	Unit Standard Title	Level	Credit
9129	Define components for ammunition requirements of customer	5	20
9130	Develop and supervise a hand forging process for making a firearm part	5	15
9723	Advise on the conservation and restoration of arms	5	30

domain: mechanical commissioning

Unit No.	Unit Standard Title	Level	Credit
2394	Commission multi station machines and/or plant	5	15

domain: mechanical installation

Unit No.	Unit Standard Title	Level	Credit
2393	Install multi station machines and/or plant	5	20

domain: metal casting

Unit No.	Unit Standard Title	Level	Credit
2384	Develop a metal casting process to meet client's needs	5	30

domain: welding

Unit No.	Unit Standard Title	Level	Credit
2692	Repair non-ferrous metal components by welding	5	10
2693	Repair ferrous metal components by welding	5	10

FIELD: LAW AND SECURITY

Sub-field: Security

domain: security management

Unit No.	Unit Standard Title	Level	Credit
8617	Identify and assess security issues through surveys of specified scope	5	8

FIELD: MANUFACTURING

Sub-field: Furniture

domain: furniture making

Unit No.	Unit Standard Title	Level	Credit
2205	Restore antique wooden furniture	5	10

**Elective B***A minimum of 10 credits.*

FIELD: BUSINESS AND FINANCIAL SERVICES

Sub-field: Management

domain: small business management

Unit No.	Unit Standard Title	Level	Credit
1989	Research small business opportunities	4	5
1990	Assess small business ownership options and business structures	4	5
1991	Produce establishment plans for small business ventures	5	5
1993	Manage small business operations	6	5
1994	Manage the development of small business ventures	6	5
6406	Establish and maintain quality customer relations for a small business enterprise	4	5

FIELD: EDUCATION

Sub-field: Generic Education and Training

domain: assessment of learning

Unit No.	Unit Standard Title	Level	Credit
4098	Assess candidate performance using supplied assessment activities	4	3
4099	Assess candidate performance against standards	5	6
11551	Moderate assessment	5	6

FIELD: HUMANITIES

Sub-field: Communications Skills

domain: interpersonal communications

Unit No.	Unit Standard Title	Level	Credit
1297	Conduct a formal interview	4	4



**3 accreditation option**

Evaluation of documentation and visit by NZQA and Engineering Industry Training Organisation.

Where unit standards registered by another Industry Training Organisation or National Standards Body form part of the qualification, their accreditation options will prevail.

**4 certification**

The certificate will display the logos of the Engineering Industry Training Organisation and NZQA.

**5 transition arrangements**

This qualification has been updated to reflect the review of the Adult Education and Training unit standards and issued as version 2.

For the purposes of this qualification people who have gained credit for the following expiring unit standard will be exempt from the requirement to gain credit for the replacement unit standard.

<b>Expiring unit standard</b>	<b>Replacement unit standard</b>
4100	11551

In relation to further unit standard reviews any version of a unit standard contained within this qualification which retains its original unit standard identification number will continue to meet the requirements of this qualification.



**Comments to:**

Engineering Industry Training Organisation  
Qualification Revision  
PO Box 160  
WELLINGTON

by 31 July 2001.

**Please Note:**

Providers must be accredited by the Qualifications Authority before they can offer programmes of education and training assessed against unit standards. The Qualifications Authority has published a booklet, *Guidelines and Criteria for Accreditation to offer National Certificates and National Diplomas*, which is available for \$15 from the Sales Officer, New Zealand Qualifications Authority, PO Box 160, Wellington.

Telephone: 04 802-3000; Fax: 04 802-3402.

REVIEWED