

Title	Prepare tooling and specify components for ammunition requirements		
Level	4	Credits	15

Purpose	People credited with this unit standard are able to select and prepare tooling for ammunition assemblers, and select and specify components for ammunition requirements.
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Classification	Mechanical Engineering > Gunsmithing
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Available grade	Achieved
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Entry information	
Critical health and safety prerequisites	Must hold a current New Zealand firearm licence and endorsements. Prerequisites: Unit 21912, <i>Apply safe working practices on an engineering worksite</i> , and Unit 9127, <i>Assemble ammunition under supervision</i> , or demonstrate equivalent knowledge and skills.

Explanatory notes

- 1 Persons possessing or working on firearms must comply with the licensing laws in accordance with the Arms Act 1983 and the Arms Regulations 1992.
- 2 Legislation
Arms Act 1983.
Arms Regulations 1992.
Hazardous Substances and New Organisms Act 1996.
Health and Safety at Work Act 2015.
Land Transport Act 1998.
- 3 Definitions
Accepted industry practice refers to approved codes of practice and standardised procedures accepted by the industry sector as examples of best practice.
Ammunition requirements refer to all requirements for assembling ammunition; examples of which are the projectile, shell casing, primer, and propellant.
Components refer to individual items.
Specify means to list for others involved in the assembly of ammunition, the components that have been selected from established information prepared by the component manufacturers.
Tooling includes all equipment used in the assembly of ammunition.

Workplace procedures refer to procedures used by the organisation carrying out the work and applicable to the tasks being carried out. They may include but are not limited to – standard operating procedures, safety procedures, equipment operating procedures, drawings, job specifications, job breakdowns, assembly instructions, test procedures, codes of practice, quality management practices and standards, procedures to comply with legislative and local body requirements.

4 Assessment information

All activities must comply with applicable workplace procedures and must be consistent with accepted industry practice.

Outcomes and evidence requirements

Outcome 1

Select and prepare tooling for ammunition assemblers.

Evidence requirements

- 1.1 Tooling requirements are identified and related to the assembly of cartridges in accordance with legislative requirements.
- 1.2 Cartridge assembly procedures are established for assemblers and recorded in accordance with workplace procedures and industry practice.
- 1.3 Assembly tooling is selected and set in accordance with assembly requirements and workplace procedures and industry practice.

Outcome 2

Select and specify components for ammunition requirements.

Evidence requirements

- 2.1 Legislation, bylaws, and licence requirements are identified and related to the manufacture of ammunition.
- 2.2 Component manufacturer's specifications are identified and related to the manufacture of ammunition.
- 2.3 Cartridge specifications are established in accordance with the ammunition and manufacturer's requirements.
- 2.4 Components are identified and selected in accordance with ammunition and manufacturer's requirements.
- 2.5 Selected components are specified and recorded in accordance with workplace procedures and industry practice.

Planned review date	31 December 2021
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	18 December 1996	31 December 2016
Revision	2	15 May 2002	31 December 2016
Review	3	23 April 2007	31 December 2017
Review	4	15 September 2016	N/A

Consent and Moderation Requirements (CMR) reference	0013
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMRs). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact Competenz qualifications@competenz.org.nz if you wish to suggest changes to the content of this unit standard.