

Title	Assemble ammunition under supervision		
Level	2	Credits	5

Purpose	People credited with this unit standard are able, under supervision, to: identify assembly procedures and prepare components and equipment to be used in assembly of ammunition; prepare cartridge cases; assemble cartridges; and clean equipment and tooling, and store components and ammunition.
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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. Prerequisite: Unit 21912, <i>Apply safe working practices on an engineering worksite</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 wider mechanical engineering industry sectors as examples of best practice.
Components refers to individual items.
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

Identify assembly procedures and prepare components and equipment to be used in assembly of ammunition.

Evidence requirements

- 1.1 Assembly instructions and specifications are identified and task requirements are verified with supervisor.
- 1.2 Component parts are identified, inspected and conditioned in accordance with workplace procedures and verified with supervisor.

Range conditioned includes the de-priming of used cartridge cases.
- 1.3 Components are prepared as directed by supervisor in accordance with workplace procedures.

Range prepared may include the cleaning and polishing of components using chemical, compressed air and mechanical processes.
- 1.4 Faulty components are identified and actioned in accordance with workplace procedures as verified with supervisor.
- 1.5 Components ready for assembly are identified, secured and/or stored in accordance with workplace procedures.
- 1.6 Equipment and tooling are prepared and safety requirements are identified and explained in accordance with workplace procedures.

Outcome 2

Prepare cartridge cases.

Evidence requirements

- 2.1 Case sizing is undertaken in accordance with workplace procedures and verified with supervisor.
- 2.2 Primer pocket is prepared in accordance with primer specification.
- 2.3 Cartridge cases are prepared for assembly in accordance with workplace procedures and are verified with supervisor.

Range may include case neck annealing.

Outcome 3

Assemble cartridges.

Evidence requirements

- 3.1 Safety requirements are complied with during assembly in accordance with workplace procedures.
- 3.2 Cartridges are assembled in accordance with documented specifications and are verified with supervisor.

Range rifle, pistol, shotgun.

- 3.3 Quality checks are complied with in accordance with workplace procedures.

Outcome 4

Clean equipment and tooling, and store components and ammunition.

Evidence requirements

- 4.1 Equipment and tooling used are cleaned and positioned in accordance with workplace procedures.
- 4.2 Components and ammunition are stored and secured in accordance with workplace procedures and legislative requirements.

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.