

Title	Inspect explosive ordnance		
Level	6	Credits	15

Purpose	People credited with this unit standard are able to: prepare to inspect explosive ordnance; inspect explosive ordnance; and complete tasks related to the inspection of explosive ordnance.
----------------	---

Classification	Aeronautical Engineering > Aeronautical Armament
-----------------------	--

Available grade	Achieved
------------------------	----------

Guidance Information

- 1 All tasks must be carried out in accordance with enterprise procedures.
- 2 Definition
Enterprise procedures – procedures used by the organisation carrying out the work and applicable to the tasks being carried out. Examples are – standard operating procedures, safety procedures, equipment operating procedures, codes of practice, quality management practices and standards, procedures to comply with legislative and local body requirements.

Outcomes and performance criteria

Outcome 1

Prepare to inspect explosive ordnance.

Performance criteria

- 1.1 Area where task is to be carried out is checked for suitability.

Range	may include but is not limited to – available, licensed, humidity, lighting, clean, safety distances; local authorities, government departments, and air traffic control advised.
-------	---
- 1.2 Task is determined by reviewing maintenance documentation.

Range	may include but is not limited to – labels, explosive stores inspection request, work orders, logbooks, equipment manuals.
-------	--

- 1.3 Resources are obtained and checked for serviceability or status.
- Range may include but is not limited to – tools, equipment, safety equipment, protective clothing, publications, test-rigs and stands, measuring equipment, first aid equipment, communications equipment, flags and signs, video equipment.
- 1.4 Test sample is prepared for inspection.
- Range may include but is not limited to – test sample identified, size determined, positioned, previous performance reviewed, safety items and devices fitted and/or positioned.

Outcome 2

Inspect explosive ordnance.

Performance criteria

- 2.1 Defective items are segregated.
- 2.2 Explosive ordnance is tested.
- Range may include but is not limited to – visually inspect, modify, and proof test; using x-ray equipment, ballistic analysers, remotely operated tools and machines, pressure testing chambers, video recording equipment, and electronic chronographs to carry out environment, continuity and resistance tests.
- 2.3 Defects are located using support equipment.
- Range may include but is not limited to – x-ray equipment, pressure-testing chambers, remotely operated tools, video recording equipment, electronic chronographs, precision measuring instruments.
- 2.4 Defects are segregated.
- Range may include but is not limited to – corrosion, misalignment, markings, dimensions deformation, sealing, moisture ingress, packaging exudation and/or extrusion.
- 2.5 Defects are rectified.
- Range may include but is not limited to – inspect, test, modify, break down.

Outcome 3

Complete tasks related to the inspection of explosive ordnance.

Performance criteria

- 3.1 Leftover parts and materials are disposed of.
- Range may include but is not limited to – serviceable, unserviceable, surplus, waste, scrap, hazardous.
- 3.2 Resources are checked for serviceability and returned to service or storage.
- Range may include but is not limited to – tools, equipment, safety equipment, publications.
- 3.3 Documentation is completed.
- 3.4 Work area is left in a condition enabling the next task to begin.

Planned review date	31 December 2025
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 June 1995	31 December 2016
Revision	2	7 August 1997	31 December 2016
Review	3	19 October 2000	31 December 2016
Review	4	26 March 2007	31 December 2016
Review	5	24 October 2014	31 December 2022
Review	6	27 August 2020	N/A

Consent and Moderation Requirements (CMR) reference	0028
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

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