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 2027

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
Rollover and Revision	7	27 June 2024	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 Ringa Hora Services Workforce Development Council
qualifications@ringahora.nz if you wish to suggest changes to the content of this unit
standard.