



Australian Government

Department of Education, Employment and Workplace Relations

PUADEFEO510C Maintain small arms ammunition

Revision Number: 1

PUADEFEO510C Maintain small arms ammunition

Modification History

Not applicable.

Unit Descriptor

Unit Descriptor

This unit covers the competency required to maintain small arms ammunition to depot level maintenance requirements as specified by the Australian Defence Force.

The unit includes the identification and selection of tools and equipment, the application of organisational safety requirements and appropriate legislative and regulatory requirements.

Application of the Unit

Application of the Unit

The application of this unit in the workplace - the environments, complexities and situations involved - will be written during Phase II of the Review of the PUA00 Public Safety Training Package.

This text will be useful for the purposes of job descriptions, recruitment advice or job analysis; where possible, it will not be too job specific to allow other industries to import it into other Training Packages, where feasible.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisite Unit/s Nil

Employability Skills Information

Employability Skills This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a Unit of Competency.

Performance Criteria describe the required performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the Required Skills and Knowledge and/or the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Prepare for maintenance	<p>1.1 Maintenance requirements of <i>small arms ammunition</i> is identified from work requests/instructions, analysed and confirmed</p> <p>1.2 Occupational health and safety requirements, including those contained in <i>organisation</i> procedures, are applied throughout the operation</p> <p>1.3 Small arms ammunition to be maintained is identified, confirmed and acquired in accordance with organisation policy and procedures, and technical documentation</p> <p>1.4 <i>Technical references</i>, tools, equipment, consumables and packaging components are identified, acquired and prepared in accordance with organisation procedures</p> <p>1.5 <i>Net explosive quantities</i> and <i>compatibility</i> are identified, calculated, assessed and applied throughout the operation</p> <p>1.6 <i>Environmental conditions</i> are monitored and, where appropriate, maintained in accordance with organisation policy</p>
2. Maintain small arms ammunition	<p>2.1 Small arms ammunition is inspected in accordance with organisation policy and procedures</p> <p>2.2 <i>Relevant maintenance</i> is conducted in accordance with organisation procedures, technical specifications and drawings</p> <p>2.3 Emergency and contingency procedures are applied in accordance with organisation policy</p> <p>2.4 Relevant <i>tests</i> are conducted and recorded in accordance with organisation procedures, technical specifications and drawings</p>
3. Complete the maintenance activity	<p>3.1 Small arms ammunition is processed in accordance with the requirements specified in the work request</p> <p>3.2 Equipment/tools are maintained in accordance with organisation policy and procedures</p> <p>3.3 Housekeeping procedures are conducted in accordance with workshop requirements</p> <p>3.4 <i>Documentation and records</i> are maintained in accordance with statutory, organisation and workshop requirements</p>

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This describes the essential skills and knowledge and their level, required for this unit.

Required Skills

- apply relevant occupational health and safety requirements
- apply operational safety
- identify appropriate small arms ammunition
- identify and select appropriate tools and equipment
- calculate net explosive quantity
- apply compatibility constraints
- apply environmental constraints
- conduct tests
- use tools and equipment
- maintain documentation
- communicate orally and in writing

Required Knowledge

- relevant occupational health and safety requirements
- operational safety
- operations, characteristics and limitations of small arms ammunition to be maintained
- net explosive quantity calculations
- assessment of compatibility
- effects of environmental conditions
- colour coding, marking and labels
- maintenance procedures
- testing procedures
- operations, characteristics and limitations of tools and equipment used in maintenance
- documentation requirements

Evidence Guide

EVIDENCE GUIDE

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Assessment must confirm the ability to comply with organisation safety requirements and appropriate legislative and regulatory requirements while maintaining small arms ammunition.

Assessment must also confirm the ability to work safely within an explosive ordnance environment and to:

- calculate and apply net explosive quantity
- assess and apply compatibility
- conduct relevant tests
- maintain documentation.

Consistency in performance

Competency should be demonstrated in a range of actual or simulated small arms ammunition maintenance contexts.

Context of and specific resources for assessment

Context of assessment

Competency should be assessed in the workplace or in a simulated work environment, in accordance with all relevant legislation and organisation requirements.

Specific resources for assessment

Access to facilities and resources used in the storage, distribution or maintenance of explosive ordnance, including a licensed explosive site.

Guidance information for assessment

Information that will assist or guide assessment will be written during Phase II of the Review of the PUA00 Public Safety Training Package.

Range Statement

RANGE STATEMENT

The Range Statement relates to the Unit of Competency as a whole. It allows for different work environments and situations that may affect performance. ***Bold italicised*** wording in the Performance Criteria is detailed below.

Small arms ammunition include	All items currently on the Australian Defence Force in-service small arms ammunition inventory
Organisation may include	The Defence organisation Other government departments or instrumentalities that work with explosive ordnance Enterprises that work with explosive ordnance
Technical references may include	Technical drawings Technical reference pamphlets Other publications Orders and instructions
Net explosive quantities include	The explosive capacity calculated in a wide range of activities related to the storage, distribution and maintenance of explosive ordnance
Compatibility is	Assessed in a wide range of activities related to the storage, distribution and maintenance of explosive ordnance and other hazardous materials
Environmental conditions may include	Heat Humidity Pressure Air quality
Relevant maintenance may include	Components change out Cleaning Painting Fuzing and defuzing
Tests may include	Continuity tests Measuring Gauging

RANGE STATEMENT**Processing may include**

Forwarding small arms ammunition for inspection, testing, maintenance, storage or issue, and may include some additional preparation such as packaging

Documentation and records may include

Timesheets
Work records
Receipt and issue records

Unit Sector(s)

Not applicable.

Corequisite Unit/s

Co-requisite Unit/s Nil