



Australian Government

DEFEO302D Unpackage ammunition

Release 2

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Modification History

Release	TP version	Comments
2	DEF12 V2	Layout adjusted.
1	DEF12 V1	First release.

Unit Descriptor

This unit covers the competency required to unpackage ammunition/explosive ordnance and explosive components prior to inspection or maintenance.

Application of the Unit

This competency normally applies to the individual who is required to prepare for and unpack ammunition/explosive ordnance and explosive components prior to inspection or maintenance.

The unit requires the individual to calculate net explosive quantity, apply compatibility constraints, inspect the packaging and maintain a range of documentation.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

Employability Skills Information

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 Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Prepare for unpackaging	1.1 Unpackaging requirements are identified from work requests/instructions and are confirmed with relevant personnel 1.2 Work health and safety (WHS) requirements, including those contained in organisational procedures, are applied throughout the operation 1.3 Technical references, tools and equipment are identified, acquired and prepared in accordance with organisational procedures 1.4 Net explosive quantities and compatibility are identified, calculated, analysed and applied throughout the operation 1.5 Emergency and contingency procedures are applied in accordance with organisational policy 1.6 Environmental conditions are monitored and maintained in accordance with organisational policy
2. Unpack ammunition/explosive ordnance	2.1 Ammunition/explosive ordnance or explosive components are prepared for unpackaging in accordance with organisational policy and procedures 2.2 Ammunition/explosive ordnance or explosive components are unpackaged in accordance with technical instructions, technical drawings and organisational procedures 2.3 Packaging material is stored or disposed of in accordance with statutory and organisational policy 2.4 Relevant calculations are carried out and recorded
3. Finalise unpackaging procedures	3.1 Equipment/tools are maintained in accordance with organisational policy and procedures 3.2 Documentation and records are maintained in accordance with statutory, organisational and workshop requirements

Required Skills and Knowledge

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

Required Skills

- apply anti static procedures
- apply compatibility constraints
- apply environmental constraints
- apply operational safety
- apply relevant WHS requirements
- calculate and maintain net explosive quantity
- identify ammunition/explosive ordnance and packaging materials
- identify colour codings, markings and labels
- maintain documentation
- read, access, interpret and apply technical instructions and drawings related to packaging of ammunition/explosive ordnance
- use unpackaging tools and equipment
- vent containers

Required Knowledge

- ammunition/explosive ordnance to be unpackaged
- anti static procedures
- appropriate ammunition/explosive ordnance packaging
- colour coding, markings
- compatibility constraints
- documentation requirements
- effects of environmental conditions
- net explosive quantity calculations
- operational safety
- operations and limitations of unpackaging tools and equipment
- relevant WHS requirements
- work condition class
- venting procedures

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for this Training Package.

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

Assessment must confirm the ability to:

- adhere to relevant WHS requirements and operational safety
- identify and select appropriate unpacking tools and equipment
- maintain documentation.

Consistency in performance

Competency should be demonstrated over time and in a range of actual or simulated explosive ordnance contexts.

Context of and specific resources for assessment

Context of assessment

Competency should be assessed in the workplace or under conditions which accurately simulate a realistic workplace in accordance with all relevant legislation and organisational requirements.

Evidence should be gathered through observation of the practical component and targeted questioning to assess required knowledge.

Specific resources for assessment

Access is required to:

- facilities and resources used in the packaging, storage, distribution and maintenance of explosive ordnance, including a licensed explosive site.

Method of assessment

This unit may be assessed with the following unit:

- DEFEO101D Work safely with explosive ordnance.

In a public safety environment assessment is usually conducted via direct observation in a training environment or in the workplace via subject matter supervision and/or mentoring, which is typically recorded in a competency workbook.

Assessment is completed using appropriately qualified assessors who select the most appropriate method of assessment.

Assessment may occur in an operational environment or in an industry-approved simulated work environment.

Forms of assessment that are typically used include:

- direct observation
- interviewing the candidate
- journals and workplace documentation
- third party reports from supervisors
- written or oral questions

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.

<i>Unpackaging requirements of ammunition or explosives</i> may require:	• Inspection of the ammunition/explosive ordnance container prior to unpackaging • Application of anti-static probes • Venting of the container • Disposal of explosively contaminated materials or consumables
<i>Organisation</i> may include:	• Defence organisation • Other government departments or instrumentalities that work with explosive ordnance • Enterprises that work with explosive ordnance
<i>Technical references</i> may include:	• Technical drawings • Pamphlets • Publications • Orders and instructions
<i>Net explosive quantities</i> include:	• Explosive capacity calculated in a wide range of activities related to the storage, distribution and maintenance of explosive ordnance
<i>Compatibility</i> is:	• Assessed in a wide range of activities related to the storage, distribution and maintenance of explosive ordnance and other hazardous materials
<i>Environmental conditions</i> may include:	• Humidity • Pressure • Temperature
<i>Calculations</i> may include:	• Net explosive quantities • Compatibility
<i>Documentation and records</i> may include:	• Data cards • Receipt and issue records • Time sheets • UN numbers • Work records

Unit Sector(s)

Not applicable.