



Australian Government

DEFEO503C Conduct explosive ordnance packaging inspection

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 conduct an inspection of explosive ordnance packaging and to process the packaging for further action that may be required.

Application of the Unit

This competency normally applies to the individual who is required to conduct an inspection of explosive ordnance packaging and to process the packaging for further action that may be required.

The inspection of the packaging is carried out in a logical sequence while adhering to all relevant work health and safety (WHS) requirements. Processing the packaging is subject to the outcomes of the inspection and may result in damaged or defective packaging being rejected, disposed of, returned to the manufacturer or sent for maintenance.

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 Inspection

- 1.1 Requirement for explosive ordnance packaging ***inspection*** is identified from work requests/instructions and is confirmed
- 1.2 WHS requirements, including those contained in ***organisational*** procedures, are applied throughout the operation
- 1.3 ***Technical references***, tools and equipment required for the inspection are identified, acquired and prepared in accordance with organisation procedures
- 1.4 ***Packaging*** is acquired, identified and accounted for, and moved or pre-positioned in preparation for inspection

2. Inspect explosive ordnance

- 2.1 Packaging is ***inspected*** in a logical set sequence to ensure that ***defects or damage*** are not overlooked in accordance with organisation policy and procedures, and technical specifications
- 2.2 Damage or other defects are identified and recorded in accordance with organisation procedures

3. Carry out post inspection procedures

- 3.1 Packaging is ***processed*** in accordance with organisation procedures
- 3.2 ***Documentation and records*** are maintained in accordance with statutory, organisation and workshop requirements

Required Skills and Knowledge

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

Required Skills

- apply WHS requirements
- communicate orally and in writing
- identify faults, markings and labels
- maintain documentation
- process explosive ordnance packaging
- read, access, interpret and apply technical instructions and drawings related to packaging inspections

Required Knowledge

- characteristics and limitations of packaging to be inspected
- inspection procedures
- organisational documentation requirements
- organisational WHS requirements

Evidence Guide

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

Assessment must confirm the ability to comply with:

- organisational safety requirements
- appropriate legislative and regulatory requirements.

Assessment must also confirm the ability to work safely within a workshop environment and to:

- identify packaging
- identify labelling and marking
- process explosive ordnance packaging
- maintain documentation

Consistency in performance

Competency should be demonstrated in a range of actual or simulated reconditioning 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 organisational requirements.

Specific resources for assessment

Access is required to:

- facilities and resources used in the reconditioning of explosive ordnance packaging.

Method of assessment

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>Packaging inspections</i> may be conducted: | <ul style="list-style-type: none"> • As part of a work program • On direction • On receipt • Prior to maintenance • Prior to or post any activity |
| <i>Organisation</i> may include: | <ul style="list-style-type: none"> • Defence organisation • Enterprises that work with explosive ordnance • Other government departments or instrumentalities that work with explosive ordnance |
| <i>Technical references</i> may include: | <ul style="list-style-type: none"> • Technical drawings • Technical reference pamphlets • Orders and instructions • Other publications |
| <i>Packaging</i> may be constructed from: | <ul style="list-style-type: none"> • Aluminium • Bakelite • Cardboard • Fibreglass • Plastic • Polystyrene • Rubber • Steel • Tin • Wood |
| <i>Inspections</i> may include: | <ul style="list-style-type: none"> • Closing devices • Desiccant indicators • Handles • Hinges • Internal/external fitments • Internal packaging • Labels such as: <ul style="list-style-type: none"> • free from explosives certification • warning labels • security seals • special markings • hazard labels • contents labels |

| | |
|--|---|
| | <ul style="list-style-type: none">• un serial number• shipping labels• fraction label• model/mark of packaging• Pressure release valves• Seals |
| Inspection may result in packaging being: | <ul style="list-style-type: none">• Passed for use• Recommended for sentencing• Rejected |
| Explosive ordnance defects or damage may include: | <ul style="list-style-type: none">• Corrosion• Dents• Fire damage• Holes• Non-compliance with technical specifications• Tears |
| Processing may include: | <ul style="list-style-type: none">• Disposal• Rejection• Retention for return or maintenance |
| Documentation and records may include: | <ul style="list-style-type: none">• Receipt and issue records• Timesheets• Work records |

Unit Sector(s)

Not applicable.