



Australian Government

DEFEO522A Conduct broken seal 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 a visual inspection of packaged explosive ordnance during any handling task, to identify packaging with broken seals 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 a visual inspection of packaged explosive ordnance during any handling task and to process the packaging for further action that may be required.

The inspection of the packaged explosive ordnance is carried out in a logical sequence while adhering to all relevant work health and safety (WHS) requirements. Immediate processing of the packaged explosive ordnance is subject to the outcomes of the inspection and may result in an inspection by an **explosive inspector** before further processing can be conducted.

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 packaging inspection	1.1 Requirement for inspection is identified from work requests/instructions, analysed and confirmed 1.2 WHS requirements including those contained in organisational procedures, are applied throughout the operation 1.3 Technical references, tools, equipment, consumables and packaging components are identified, acquired and prepared in accordance with organisational procedures 1.4 Suitable location to carry out receipt of packaged explosive ordnance is identified and prepared 1.5 Net explosive quantities and compatibility are identified, calculated, analysed and applied throughout the operation 1.6 Environmental conditions are monitored and maintained in accordance with organisational policy
2. Inspect packaging	2.1 Inspection of the packaged explosive ordnance is conducted during the handling operation in accordance with organisational policy and procedures. 2.2 Packaging is segregated in accordance with regulations, policy and procedures 2.3 Items confirmed as being broken seal are moved to an approved explosive ordnance inspection area 2.4 Broken seal packaging, that has not been inspected, are handled as if it contains explosives 2.5 Emergency and contingency procedures are applied in accordance with organisational policy
3. Inspect contents of broken seal packaging	3.1 External surfaces of packaging inspected for signs of damage 3.2 Packaging found to be damaged is segregated and processed in accordance with organisational policy and procedures 3.3 Broken seal packaging is opened to identify the contents 3.4 Packaging that contains items which are or purport to be damaged are further segregated and processed in accordance with organisational policy and procedures
4. Carry out post	4.1 Packaging is sealed and labelled in accordance with

ELEMENT	PERFORMANCE CRITERIA
inspection procedures	organisational policy and procedures
	4.2 Equipment/tools are maintained in accordance with organisational policy and procedures
	4.3 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 inspection procedures
- apply WHS requirements
- communicate orally and in writing
- identify damaged ammunition, explosive ordnance, non-explosive dangerous goods, or associated components
- identify faults in explosive ordnance packaging
- identify faults in markings and labels
- maintain documentation
- process packaged explosive ordnance
- read, access, interpret and apply technical instructions and drawings related to packaging inspections

Required Knowledge

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

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 comply with:

- organisational safety requirements
- appropriate legislative and regulatory requirements

Assessment must also confirm the ability to:

- work safely within a workshop environment
- identify packaging
- segregate packaging
- identify broken seals
- process packaged explosive ordnance
- maintain documentation

Consistency in performance

Competency should be demonstrated in a range of actual or simulated inspection 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 inspection of explosive ordnance packaging

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>Explosive inspector</i> is:	Any person that is competent and authorised to inspect and sentence explosive ordnance
<i>Organisation</i> may include:	- Defence organisation - Enterprises that work with explosive ordnance - Other government departments or instrumentalities that work with explosive ordnance
<i>Technical references</i> may include:	- Orders and instructions - Pamphlets - Publications - Technical drawings
<i>Packaged explosive ordnance</i> may include:	- Any container or package that has contained ammunition, explosive ordnance, non-explosive dangerous goods, or associated components or purports to have contained ammunition, explosive ordnance, non-explosive dangerous goods, or associated components - And may : - have intact authenticity seals - have broken authenticity seals - contain salvage/return items - be certified as being free from explosives
<i>Segregation</i> can be affected by:	- Compatibility of explosive items - Compatibility of UN Dangerous Goods classes - Packaging seals
<i>Regulations, policy and procedures</i> may include:	- Australian Code for the Transport of Explosives by Road and Rail (AEC) - Australian Dangerous Goods Code (ADGC) - Explosive Transport Regulations - Organisational policy and procedures
<i>Broken seal</i> may include:	Any container or package that has contained ammunition, explosive ordnance, non-explosive dangerous goods, or associated components that has a broken seal and has not been certified as being free from explosives
<i>Contingency procedures</i> may include:	Organisational procedures to be applied in the event that explosive ordnance and/or associated components are found in the packaging

<i>Identifying the contents</i> may include:	• Condition of the items • Lot/serial number of items • Quantity of items • Type of package
<i>Documentation and records</i> may include:	• Receipt and issue records • Timesheets • Transport documentation • Work records

Unit Sector(s)

Not applicable.