



Australian Government

DEFEO202D Establish and maintain the safety and security of explosive warehouses and workshops

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 enter and exit an ammunition/explosive ordnance storage area or facility in a remote or home base area.

It includes the requirements to ensure that safety standards are applied and that security is maintained during the conduct of tasks within the facility.

Application of the Unit

This competency normally applies to the individual who is required to enter, carry out tasks in and exit an ammunition/explosive ordnance storage area or facility in a remote or home base area; and is required to maintain safety and security during entry, operations and exit.

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

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|--|--|
| 1. Prepare for entry | 1.1 Requirement to enter an <i>explosive ordnance storage area/facility</i> is identified from work requests/instructions, analysed and confirmed |
| | 1.2 Work health and safety requirements (WHS) including those contained in <i>organisational</i> procedures are applied throughout the operation |
| | 1.3 <i>Security and safety</i> inspections and <i>tests</i> are conducted in accordance with organisational procedures |
| 2. Enter facility | 2.1 Facility is opened and vented in accordance with organisational procedures |
| | 2.2 Facility is entered in accordance with organisational procedures |
| 3. Maintain safety during operations and exit of facility | 3.1 <i>Net explosive quantity</i> and <i>compatibility</i> are identified, calculated and monitored throughout the operation |
| | 3.2 Housekeeping and minor maintenance is conducted in accordance with organisational procedures |
| | 3.3 Records are updated and maintained in accordance with statutory and organisational policy and procedures |
| | 3.4 Facility is exited in accordance with organisational policy and procedures |

Required Skills and Knowledge

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

Required Skills

- access, read, interpret and apply technical information
- apply compatibility
- apply emergency procedures
- apply safety procedures
- apply security procedures
- calculate net explosive quantity
- read and interpret job instructions, workplace forms and reports

Required Knowledge

- alarm systems
- basic static electricity
- building signs and symbols
- building types, categories and classes
- compatibility requirements
- earthing procedures
- emergency procedures
- firefighting equipment
- licensing limitations
- net explosive quantity calculations
- personal protection equipment requirements
- security procedures
- written communication to a level required to complete workplace forms, reports and update records

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 procedures
- calculate net explosive quantity
- apply compatibility and security procedures
- use correct entry procedures

Consistency in performance

Competency should be demonstrated 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.

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

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 ordnance storage areas/facilities</i> may include:	<ul style="list-style-type: none"> • Explosive ordnance storage areas on board ships • Field storage equivalents or temporary storage areas/facilities • Home base or remote areas • Magazines • Purpose designed structures • Warehouses • Workshops
<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>Security and safety of explosive areas/facilities</i> may include:	<ul style="list-style-type: none"> • Entering • Exiting • Inspections • Opening and venting the facility • Updating records and display boards
<i>Tests</i> may include:	<ul style="list-style-type: none"> • Earthing • Static electricity tests
<i>Net explosive quantity</i> includes:	<ul style="list-style-type: none"> • Explosive capacity calculated in a wide range of activities related to the storage, distribution and maintenance of explosive ordnance
<i>Compatibility</i> is:	<ul style="list-style-type: none"> • Assessed in a wide range of activities related to the storage, distribution and maintenance of explosive ordnance and other hazardous materials

Unit Sector(s)

Not applicable.