



Australian Government

DEFEO213A Establish and operate an explosive ordnance field storage site

Release 2

DEFEO213A Establish and operate an explosive ordnance field storage site

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 establish and operate an explosive ordnance field storage site.

It does not cover the planning of the site.

Application of the Unit

This competency applies to the individual who is required to establish and operate an explosive ordnance field storage site to support an operational or training deployment.

The unit requires the individual to establish the site maintaining all explosive safety and work health and safety (WHS) requirements, to operate the site in support of the organisation and to maintain all relevant 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. Establish an explosive ordnance field storage site	<p>1.1 Applicable <i>legislative, WH&S</i> and <i>organisational requirements</i> relevant to the storage of <i>explosive ordnance</i> in a field environment, are verified and complied with throughout work activity</p> <p>1.2 Explosive ordnance field storage site layout is confirmed and established in accordance with the plan and organisational requirements</p> <p>1.3 <i>Safety requirements</i> are identified and applied in accordance with legislation and organisational requirements</p> <p>1.4 <i>Security requirements</i> are identified and applied in accordance with legislation and organisational requirements</p>
2. Operate an explosive ordnance field storage site	<p>2.1 Explosive ordnance is issued and received in accordance with demand and organisational requirements</p> <p>2.2 Consumption rates are monitored and reported in accordance with organisational requirements</p> <p>2.3 Forecasts are identified and reported in accordance with organisational requirements</p> <p>2.4 Net explosive quantities and compatibility are identified, calculated, analysed and applied throughout the operation</p> <p>2.5 Lifting policies are confirmed and applied</p>
3. Maintain documentation	<p>3.1 Explosive ordnance reclassification messages are actioned in accordance with legislation and organisational requirements</p> <p>3.2 Explosive ordnance records are maintained in accordance with legislation and organisational requirements</p>

Required Skills and Knowledge

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

Required Skills

- analyse and evaluate information
- apply emergency procedures
- apply safety procedures
- apply security procedures
- calculate and apply net explosive quantity
- identify and apply compatibility
- prepare and present reports
- review literature
- use appropriate information technology and software

Required Knowledge

- analysis process
- application of explosive ordnance lifting policy, instructions and procedures
- application of licensing requirements for field storage
- application of quantity distances for field storage
- codes of practice
- compatibility
- explosive ordnance field storage principles
- explosive ordnance reclassification message procedures
- licensing requirements
- lifting requirements
- net explosive quantity
- organisational guidelines and standards
- regulatory requirements
- relevant legislation
- Restricted -in-Use, Local and General Red Card and Black List procedures
- security procedures
- workplace safety in regard to storage of explosive ordnance
- written communication to a level required in the preparation of reports

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:

- establish an explosive ordnance field storage site
- operate that site
- maintain the relevant records

Consistency in performance

Competency should be demonstrated over time in a variety of field environments or in simulated environments.

Context of and specific resources for assessment

Context of assessment

Competency should be assessed in an actual or simulated activity.

Specific resources for assessment

Access is required to:

- explosive ordnance
- field storage areas

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>Legislative requirements</i> may include:	<ul style="list-style-type: none"> • Australian Standards • Duty of care • Environment • Explosive and dangerous goods codes • Legislation from all levels of government that affect organisational operations • Relevant industry codes of practice
<i>WHS requirements</i> may include:	<ul style="list-style-type: none"> • Commonwealth, state/territory legislation and regulations, organisational safety policies and procedures • Firefighting organisation and equipment • First aid equipment • Hazard and risk control and elimination • Manual handling including lifting and carrying • Systems covering hazardous materials and substances • Use of personal protective equipment and clothing
<i>Organisational requirements</i> may include:	<ul style="list-style-type: none"> • Environmental management • Equipment use, maintenance and storage • Ethical standards • Legal, organisational and site guidelines, policies and procedures relating to own role and responsibility • Operational requirements • Policy • Procedures • Quality assurance • Quality and continuous improvement processes and standards • Recording and reporting
<i>Explosive ordnance</i> includes:	<ul style="list-style-type: none"> • All munitions containing explosives, nuclear fission or fusion materials and biological and chemical agents such as bombs and warheads; guided and ballistic missiles; artillery, mortar, rocket and small arms ammunition; all mines, torpedoes and depth charges; demolition charges; pyrotechnics; clusters and dispensers; cartridge and propellant actuated devices; electro explosive devices; clandestine and other improvised explosive devices; and all similar

	or related items or components explosive in nature
<i>Safety requirements</i> may include:	<ul style="list-style-type: none">• Appropriate fire protection• Appropriate lightening and other weather protection• Field storage principles• Licensing requirements• Quantity distances• Segregation rules
<i>Security requirements</i> may include:	<ul style="list-style-type: none">• Barbed wire enclosures• Check points• Fences• Lighting• Sentries

Unit Sector(s)

Not applicable.