



Australian Government

Department of Education, Employment and Workplace Relations

PUADEFEO213A Establish and operate an explosive ordnance field storage site

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

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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

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 occupational health and safety (OH&S) 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

Employability Skills This unit contains employability skills.

Pre-requisite Unit/s Nil

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 Required Skills and Knowledge and/or 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

- 1.1 Applicable ***legislative, OH&S*** and ***organisational*** requirements relevant to the storage of ***explosive ordnance*** in a field environment, are verified and complied with throughout work activity
- 1.2 Explosive ordnance field storage site layout is confirmed and established in accordance with the plan and organisational requirements
- 1.3 ***Safety requirements*** are identified and applied in accordance with legislation and organisational requirements
- 1.4 ***Security requirements*** are identified and applied in accordance with legislation and organisational requirements

ELEMENT**PERFORMANCE CRITERIA****2. Operate an explosive ordnance field storage site**

- 2.1 Explosive ordnance is issued and received in accordance with demand and organisational requirements
- 2.2 Consumption rates are monitored and reported in accordance with organisational requirements
- 2.3 Forecasts are identified and reported in accordance with organisational requirements
- 2.4 Net explosive quantities and compatibility are identified, calculated, analysed and applied throughout the operation
- 2.5 Lifting policies are confirmed and applied

3. Maintain documentation

- 3.1 Explosive ordnance reclassification messages are actioned in accordance with legislation and organisational requirements
- 3.2 Explosive ordnance records are maintained in accordance with legislation and organisational requirements

Required Skills and Knowledge

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 lifing 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
- lifing 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

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..

EVIDENCE GUIDE

Method of assessment

This unit may be assessed with the following unit:

- PUADEFEO101D 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

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.

Legislative requirements may include

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

OH&S requirements may include

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

Organisational requirements may include

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

Explosive ordnance includes

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

RANGE STATEMENT**Safety requirements may include**

items or components explosive in nature

Appropriate fire protection
Appropriate lightening and other weather protection
Field storage principles
Licensing requirements
Quantity distances
Segregation rules

Security requirements may include

Barbed wire enclosures
Check points
Fences
Lighting
Sentries

Unit Sector(s)

Not applicable.