



Australian Government

DEFEXO063 Operate a large quantity explosives facility

Release: 2

DEFEXO063 Operate a large quantity explosives facility

Modification History

Release 2. Modifications made to Foundation Skills and Assessment Conditions.

Release 1. This unit was released in DEF Defence Training Package release 1.0 and meets the Standards for Training Packages.

This unit supersedes and is equivalent to DEFEO217A Operate a large quantity explosives facility.

- Unit code updated
- Content and formatting updated to comply with the new standards
- All PC transitioned from passive to active voice
- PC 1.2, 1.3 and 2.3 removed
- PC 1.4 and 2.5 reworded

Application

This unit describes the skills required to operate a storage facility licensed to contain a large quantity of explosive ordnance. This includes calculating net explosive quantity, applying compatibility constraints, ensuring package sealing requirements are applied and maintaining a range of documentation.

This unit applies to those required to develop and apply storage plans and operate a large quantity explosives facility.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to.

Those undertaking this unit would work independently and as part of a team, under indirect supervision, use discretion and judgement, and take responsibility for the quality of their output. They would perform specific tasks in a broad range of contexts.

No licensing, legislative or certification requirements apply to unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

Explosive Ordnance

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1 Confirm requirements of a large quantity facility

1.1 Identify large quantity facility requirements

1.2 Manage facility in accordance with explosive limit licences

1.3 Develop, approve and display storage plans

2 Operate the facility

2.1 Identify, calculate, confirm and apply net explosive quantities and compatibility throughout the operation

2.2 Ensure authorised packages, seals and marks comply with organisational requirements

2.3 Issue and receipt items held in a large quantity facility

2.4 Display hazard divisions including applicable supplementary fire symbols

2.5 Interpret emergency procedure specific for the facility and apply contingency plans

2.6 Monitor explosive license limit during operations using authorised record systems

3 Maintain facility operating requirements

3.1 Ensure serviceability of equipment and tools

3.2 Ensure housekeeping procedures are adhered to

3.3 Maintain documentation and records

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit supersedes and is equivalent to DEFEO217A Operate a large quantity explosives facility.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=6bdbab1e-11ed-4bc9-9cba-9e1a55d4e4a9>

Assessment Requirements for DEFEXO063 Operate a large quantity explosives facility

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and includes:

- applying operational safety
- applying storage regulations
- conducting calculations relevant to the task
- inspecting tools and equipment
- interpreting and applying explosive limit licences

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and includes:

- operational knowledge of:
 - documentation requirements
 - explosive licence limits
 - explosive ordnance packaging and inspection requirements
 - operational safety
 - storage regulations
 - work condition class

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations. Where this is not appropriate, assessment must occur in simulated workplace operational situations that reflect workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- acceptable means of simulation assessment
- applicable documentation, including workplace procedures, regulations, codes of practice and operation manuals
- relevant materials, tools, equipment and PPE currently used in industry.

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