



Australian Government

DEFEXO101 Dispose of explosives

Release: 2

DEFEXO101 Dispose of explosives

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 DEFEO701C Dispose of explosive ordnance.

- Unit code updated
- Content and formatting updated to comply with the new standards
- All PC transitioned from passive to active voice
- PC 1.2 and 1.4 removed
- PC 2.1 renumbered
- Element 1 reworded

Application

This unit describes the skills required to prepare a disposal site and to dispose of explosives by burning, detonation or by functioning on a licensed demolition range under controlled conditions. This unit specifically precludes the destruction of unexploded ordnance that has malfunctioned/failed to function. The disposal of explosives may be undertaken for a variety of reasons such as expired shelf life, defectiveness or surplus to requirement, or if the explosive has been otherwise compromised while being handled during storage, transportation or maintenance.

This unit applies to those required to prepare a disposal site and to dispose of explosives on a licensed demolition range under controlled conditions.

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 under direct or indirect supervision, use discretion and judgement, and take responsibility for the quality of their output. They would perform routine tasks in a 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

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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

1 Prepare for disposal

- 1.1 Identify requirement for disposal of explosives from work requests/instructions
- 1.2 Confirm explosive items to be disposed of and disposal methods to be used
- 1.3 Liaise with parties affected by the disposal
- 1.4 Complete site and equipment preparation
- 1.5 Identify, calculate, and apply net explosive quantities and compatibility throughout the operation
- 1.6 Prepare and test explosive disposal initiation

2 Dispose of explosives

- 2.1 Dispose of explosives using the identified disposal method
- 2.2 Interpret emergency procedures and apply contingency plans
- 2.3 Inspect residue to ensure all items have been disposed of

3 Finalise disposal process

- 3.1 Refurbish site and equipment
- 3.2 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 DEFEO701C Dispose of explosive ordnance.

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 DEFEXO101 Dispose of explosives

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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 range requirements
- calculating and applying time and safety distance
- complying with operational safety
- conducting calculations
- conducting risk assessment
- handling dangerous goods and hazardous substances
- using manual handling and team lifting techniques
- using PPE

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:
 - characteristics and limitations of the explosive to be disposed of
 - compatibility, site, documentation, range and environment requirements
 - effects of environmental conditions
 - operational safety
 - risk analysis

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.

Links

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