



Australian Government

DEFEXO006 Unpackage explosives

Release: 3

DEFEXO006 Unpackage explosives

Modification History

Release 3. Assessment Conditions clarified in relation to simulation being an assessment option.

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 DEFEO302D Unpackage ammunition.

- 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 1.5 removed
- Element 2 one new PC

Application

This unit describes the skills required to unpackage explosives and explosive components prior to inspection or maintenance. This includes calculating net explosive quantity, applying compatibility constraints, inspecting the packaging and maintaining a range of documentation.

This unit applies to those required to prepare, package and finalise documentation for explosives and explosive components for the purpose of transportation and storage.

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 direct and/or 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

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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

- | | |
|--|---|
| 1 Prepare for unpackaging | 1.1 Identify unpackaging requirements from work requests and instructions |
| | 1.2 Identify, acquire and prepare technical references, tools, equipment, consumables and packaging components |
| | 1.3 Identify, calculate, analyse and apply net explosive quantities and compatibility |
| | 1.4 Monitor and maintain environmental conditions |
| 2 Unpackage explosives | 2.1 Prepare explosives or explosive components for unpackaging |
| | 2.2 Unpackage explosives or explosive components in accordance with technical instructions, technical drawings and organisational procedures |
| | 2.3 Interpret emergency procedures and apply contingency plans |
| | 2.4 Store or dispose packaging material |
| | 2.5 Carry out and record relevant calculations |
| 3 Finalise unpackaging procedures | 3.1 Inspect equipment/tools for serviceability |
| | 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 DEFEO302D Unpackage ammunition.

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 DEFEXO006 Unpackage 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 include:

- applying antistatic procedures
- applying compatibility/environmental constraints
- applying operational safety
- calculating and maintaining net explosive quantity
- identifying colour coding, markings and labels
- identifying explosives and packaging materials
- interpreting and applying technical instructions and drawings related to packaging of explosives
- using unpackaging tools and equipment
- venting containers.

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 include:

- operational knowledge of:
 - antistatic procedures
 - appropriate explosive packaging
 - colour coding, markings
 - compatibility constraints

- effects of environmental conditions
- explosives to be unpackaged
- net explosive quantity calculations
- operational safety
- operations and limitations of unpackaging tools and equipment
- venting procedures
- 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.

Links

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