



Australian Government

DEFEXO013 Conduct external explosive ordnance maintenance

Release: 3

DEFEXO013 Conduct external explosive ordnance maintenance

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 DEFEO502D Conduct external explosive ordnance maintenance.

- Unit code updated.
- Content and formatting updated to comply with the new standards
- All PC transitioned from passive to active voice
- PC 1.2 removed
- PC 3.1 reworded
- Element 2 one new PC

Application

This unit describes the skills required to conduct external maintenance on all types of explosive ordnance. Maintenance is carried out on the explosive ordnance while monitoring the environmental conditions. The unit only applies to the maintenance of explosive ordnance that does not require the removal of any explosive component.

This unit applies to those required to conduct external maintenance on explosive ordnance by the removal of rust and contaminants, cleaning, painting and stencilling standard markings.

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 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 maintenance | 1.1 Identify requirement for external maintenance from work requests and/or instructions |
| | 1.2 Identify, acquire and prepare technical references, tools, equipment and consumables required for the maintenance |
| | 1.3 Identify, acquire, account for, move or pre-position explosive ordnance in preparation for maintenance |
| | 1.4 Identify, calculate, assess and apply net explosive quantities and compatibility throughout the operation |
| 2 Maintain explosive ordnance | 2.1 Conduct external maintenance on explosive ordnance |
| | 2.2 Monitor environmental conditions and maintain, where appropriate |
| | 2.3 Interpret emergency procedures and apply contingency plans |
| 3 Finalise maintenance | 3.1 Return explosive ordnance to storage or transport condition |
| | 3.2 Conduct housekeeping procedures |
| | 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 DEFEO502D Conduct external explosive ordnance maintenance.

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 DEFEXO013 Conduct external explosive ordnance maintenance

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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 anti-static safety requirements
- using manual handling and team lifting techniques
- using PPE
- using tools and equipment
- working safely with dangerous goods.

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:

- basic knowledge of
 - explosive ordnance functioning
 - explosive licence limits
- operational knowledge of
 - characteristics and limitations of explosive ordnance to be maintained
 - environmental constraints
 - legislative and regulatory requirements

- maintenance procedures
- organisational documentation requirements
- organisational safety requirements.

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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