



Australian Government

DEFEXO007 Monitor explosive ordnance environmental conditions

Release: 2

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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 DEFEO303D Monitor explosive ordnance environmental conditions.

- Unit code updated
- Content and formatting updated to comply with the new standards
- All PC transitioned from passive to active voice
- PC 1.4 and 1.5 removed
- Element 2 all PC reworded and reordered

Application

This unit describes the skills required to monitor environmental conditions related to explosives prior to sealing packaging. It includes having to identify explosives that need environmental controls, matching this to an appropriate storage facility and maintaining the requisite environmental conditions.

This unit applies to those required to monitor environmental conditions related to explosives.

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 routine 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.

1 Identify environmental control requirements for explosives

PERFORMANCE CRITERIA

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

1.1 Apply technical specifications to identify environmental control requirements for explosives

1.2 Select environmental requirements for short-term and long-term storage to match explosive type

1.3 Identify environmental limits for control from technical specifications

2 Monitor explosive environmental conditions

2.1 Monitor storage areas for environmental standards and environmental storage requirements

2.2 Operate and monitor monitoring devices

2.3 Identify emergency procedures and apply contingency procedures

3 Identify and rectify problems

3.1 Identify implications of incorrect environmental standards

3.2 Identify causes related to changes to environmental standards

3.3 Implement procedures related to problem rectification

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 DEFEO303D Monitor explosive ordnance environmental conditions.

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 DEFEXO007 Monitor explosive ordnance environmental conditions

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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 environmental constraints
- applying corrective actions
- identifying explosive requiring environmental management
- identifying appropriate environmental controls

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:

- corrective actions to maintain environmental levels
- effects of environmental conditions
- environmental requirements for relevant explosive
- monitoring processes

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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