



Australian Government

DEFEXO106 Conduct explosive ordnance disposal operations

Release: 3

DEFEXO106 Conduct explosive ordnance disposal operations

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 DEFEO707C Conduct explosive ordnance disposal operations.

- Unit code updated
- Content and formatting updated to comply with the new standards
- All PC transitioned from passive to active voice
- PC 3.3 removed

Application

This unit describes the skills required to conduct explosive ordnance location, identification and disposal operations. Explosive ordnance disposal operations can be conducted under a variety of conditions, including wartime, peacekeeping, in support of the civilian community/ authority, as part of a joint services and/or coalition operation and also in training. This unit can apply above and below the high water mark.

This unit applies to those who are required to conduct explosive ordnance location, identification and disposal operations.

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 supervise others, using discretion and judgement and taking responsibility for the quality of their outputs. They would perform complex tasks in a broad range of contexts that could be unpredictable.

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 Prepare for operations

1.1 Collect, store and check for presence and serviceability equipment, tools and stores required for explosive ordnance demolitions operations

1.2 Brief personnel required to participate on their duties and requirements

1.3 Establish and maintain contact and liaison with other agencies

1.4 Conduct planning prior to arrival at scene

2 Locate and identify explosive ordnance and associated components

2.1 Locate explosive ordnance and associated components

2.2 Identify explosive ordnance and associated components

2.3 Advise controlling authority of safety and evacuation requirements

2.4 Determine and plan method of conducting disposal/render safe procedure

3 Conduct render safe procedures and/or dispose of explosive ordnance

3.1 Identify and prepare for use equipment, tools and stores to dispose of and/or render explosive ordnance safe

3.2 Operate equipment

3.3 Inspect explosive ordnance and immediate area and declare safe or plan alternate disposal operation

4 Finalise activities

4.1 Recover, refurbish and secure equipment

4.2 Conduct post explosive ordnance disposal clearance

- 4.3** Complete and process explosive ordnance disposal reports
- 4.4** Provide technical evidence to inquiries/courts

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 DEFEO707C Conduct explosive ordnance disposal operations.

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 DEFEXO106 Conduct explosive ordnance disposal operations

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 DEFEO707C Conduct explosive ordnance disposal operations.

- Unit code updated
- Content and formatting updated to comply with the new standards
- All PC transitioned from passive to active voice
- PC 3.3 removed

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 consequent mitigation principles
- applying safety template requirements
- applying time management
- calculating and applying time and safety distance
- maintaining documentation
- operating specialist explosive ordnance disposal vehicle
- reading, accessing, interpreting and applying technical instructions
- liaising with other agencies
- preparing and operating equipment, tools and stores
- gathering and securing evidence
- applying manual handling and team lifting techniques
- using PPE
- handling dangerous good and hazardous substances safely.

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

- blast/fragmentation/thermal mitigation
- characteristics, technical capabilities, effects and limitations of explosive ordnance to be disposed of/rendered safe
- characteristics, technical capabilities, effects and limitations of explosive ordnance disposal stores and equipment
- documentation requirements
- equipment handling and safety requirements
- initiation procedures
- net explosive quantity estimations
- operational safety
- relevant testing procedures
- render safe/disposal methods
- safety distance calculation procedures
- theory of explosive ordnance design.

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

Companion Volume implementation guides are found in VETNet -

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