



Australian Government

DEFEXO108 Conduct military demolition operations

Release: 3

DEFEXO108 Conduct military demolition 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 DEFEO711C Conduct military demolition operations.

- Unit code updated
- Content and formatting updated to comply with the new standards
- All PC transitioned from passive to active voice
- PC 1.3 and 2.7 removed

Application

This unit describes the skills required to conduct military demolition operations. This unit can apply above and below the high water mark.

This unit applies to those required to identify, test and prepare explosives, accessories and equipment, to place and fix explosive charges and to initiate them on lawful command in order to demolish/damage military targets.

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 as part of a team, under indirect supervision. They would use discretion and judgement and take responsibility for the quality of their outputs while performing specific 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

Elements describe the essential outcomes.

PERFORMANCE CRITERIA

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

- | | |
|--|--|
| 1 Prepare service explosive accessories and equipment | 1.1 Identify, segregate and protect explosives and explosive accessories |
| | 1.2 Test explosives, accessories and equipment |
| 2 Prepare and fire a military demolition using service explosives and accessories | 2.1 Assemble explosive charges and associated equipment |
| | 2.2 Attach explosive charges to military targets |
| | 2.3 Assemble firing circuits and initiation means |
| | 2.4 Apply precautions to protect against accidental initiation or damage |
| | 2.5 Conduct state of readiness change procedures and drills |
| | 2.6 Apply procedures granting authority to fire a military demolition |
| 3 Finalise the military demolition | 3.1 Inspect demolition site to ensure all explosive items have been initiated |
| | 3.2 Maintain and/or refurbish site/equipment |
| | 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 DEFEO711C Conduct military demolition 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 DEFEXO108 Conduct military demolition operations

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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:

- displaying mechanical advantage
- testing and preparing explosives, accessories and equipment
- using tools
- ensuring there is no injury to personnel, no damage to equipment, no breach of safety procedures and a charge initiates
- reporting/discarding faulty components
- segregating explosives types as required
- 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:

- composition of teams and roles and responsibilities of team members
- composition, safety distances and restrictions related to approved explosives
- explosives handling and transportation procedures
- identification and purpose of markings for explosive ordnance and explosive ordnance

packaging

- mathematical calculations related to demolition operations
- safety precautions related to demolition operations
- United Nations classification and segregation requirements of explosive ordnance
- construction, characteristics and limitations of military targets.

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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