



Australian Government

DEFEXO107 Conduct improvised explosive device disposal operations

Release: 3

DEFEXO107 Conduct improvised explosive device 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 DEFEO708C Conduct improvised explosive device disposal operations.

- Unit code updated
- Content and formatting updated to comply with the new standards
- All PC transitioned from passive to active voice
- PC 3.2 removed

Application

This unit describes the skills required to conduct improvised explosive device disposal operations. Improvised explosive devices are those placed or fabricated in an improvised manner that incorporate destructive, lethal, noxious, explosive, pyrotechnic or incendiary chemicals designed to destroy, disfigure, distract or harass. Improvised explosive device disposal operations are conducted primarily in support of the civilian community/authority, but may also be conducted under a variety of conditions, including wartime, peacekeeping and in training. This unit can apply above and below the high water mark.

This unit applies to those who are required to conduct improvised explosive device 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 conduct 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

Elements describe the essential outcomes.

1 Prepare for operations

PERFORMANCE CRITERIA

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

- 1.1** Collect, store and check for presence and serviceability equipment, tools and stores required for responses to improvised explosive device reports
- 1.2** Brief personnel required to respond to callout on their duties and response requirements
- 1.3** Establish and maintain contact and liaison with other emergency services
- 1.4** Conduct planning prior to arrival at scene in response to call out

2 Locate, assess and identify improvised explosive device

- 2.1** Establish contact with other attending emergency services
- 2.2** Advise controlling authority of safety and evacuation requirements
- 2.3** Locate device and identify components
- 2.4** Confirm area security
- 2.5** Investigate and identify improvised explosive device construction
- 2.6** Determine and plan method of conducting disposal/render safe procedure

3 Conduct render safe procedure and/or dispose of improvised explosive

- 3.1** Identify and prepare to use equipment required to render safe/dispose of improvised explosive device

device

- 3.2** Operate equipment in accordance with current instructions
 - 3.3** Inspect device and immediate area and declare safe or plan alternate disposal operation/render safe procedure
- 4 Finalise activities**
 - 4.1** Recover, refurbish and secure equipment
 - 4.2** Conduct post improvised explosive device disposal clearance
 - 4.3** Complete and process improvised explosive device 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 DEFEO708C Conduct improvised explosive device 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 DEFEXO107 Conduct improvised explosive device 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 DEFEO708C Conduct improvised explosive device disposal operations.

- Unit code updated
- Content and formatting updated to comply with the new standards
- All PC transitioned from passive to active voice
- PC 3.2 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
- conducting site preparation and refurbishment
- operating specialist explosive ordnance disposal vehicle
- maintaining documentation
- reading, accessing, interpreting and applying technical instructions
- liaising with other agencies
- preparing and operating equipment, tools and stores
- gathering and securing evidence
- interpreting photos and x-ray imaging
- 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
 - construction, characteristics and limitations of improvised explosive device to be disposed/rendered safe
 - characteristics and limitations of improvised explosive device to be disposed/rendered safe
 - documentation requirements
 - equipment handling requirements
 - initiation procedures
 - net explosive quantity estimations
 - operational safety
 - relevant testing procedures
 - safety distance calculation procedures.

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>