



Australian Government

Assessment Requirements for DEFEXO127 Predict and confirm explosive effects

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 DEFEO006 Predict and confirm explosive ordnance effects.

- Unit code updated
- Content and formatting updated to comply with the new standards
- All PC transitioned from passive to active voice
- Unit title changed to better reflect unit outcomes
- PC 1.3, 1.4, 2.1, 2.3 and 3.1 removed
- PC 1.1 and 1.2 merged
- PC 4.1 and 4.2 merged
- PC 3.4 and 3.5 merged and revised
- Element 1 reworded and one new PC
- Elements 2 and 3 and 4 merged and reworded

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:

- interpreting and applying technical instructions
- operating test equipment
- conducting appropriate tests
- interpreting test methods/procedures
- maintaining security, integrity, traceability of samples, sub-samples, test data and results and documentation

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:

- In-depth knowledge of:
 - characteristics, technical capabilities, effects and limitations of explosives
 - chemical/physical principles and concepts of explosives

- initiation procedures
- comparative measures of an explosive
- Operational knowledge of:
 - theory of explosive design:
 - instruments for qualitative and/or quantitative analysis
 - traceability requirements
 - armour design and deployment principles

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>