



Australian Government

DEFEXO210 Manage explosive ordnance engineering and logistics processes

Release: 2

DEFEXO210 Manage explosive ordnance engineering and logistics processes

Modification History

Release 2. Modifications made to Assessment Conditions.

Release 1. This is the first release of this unit of competency in the DEF Defence Training Package.

Application

This unit specifies the skills and knowledge required to manage explosive ordnance engineering and logistics processes.

It includes identifying and planning explosive ordnance engineering and logistics processes, and feasibility assessments. It also includes managing and concluding engineering and logistics processes.

This unit applies to persons who are required to manage explosive ordnance engineering and logistics processes.

A manager of explosive ordnance processes will have some autonomy of action, may delegate authority to subordinates and is capable of independent decision making, requiring no supervision.

The management of explosive ordnance processes is primarily conducted in installations involved in the storage, distribution and maintenance of explosive ordnance, however it may be performed in research and development establishments, and proof and experimental establishments.

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.

No licensing, legislative or certification requirements apply to this 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 explosive ordnance processes and feasibility assessment

PERFORMANCE CRITERIA

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

- 1.1** Identify storage, distribution and maintenance processes to be performed and confirm with relevant personnel
- 1.2** Identify organisational policies, procedures and issues of concern/shortfall applying to relevant processes
- 1.3** Determine resources and any special requirement/s for the performance and conduct of explosive ordnance engineering and logistics processes
- 1.4** Assess feasibility of explosive ordnance engineering and logistics processes to be undertaken and identify offsets/compromises as required, in accordance with organisational procedures
- 2.1** Plan to conduct storage, distribution and maintenance processes and identify resource requirement/s in accordance with operational procedures
- 2.2** Identify availability and suitability of resources
- 2.3** Adjust plans and schedules to accord with resource availability and seek authorisation to progress in accordance with organisational policies and procedures
- 2.4** Identify relevant financial resources and seek authorisation to proceed
- 2.5** Confirm capital requirements and program acquisition in accordance with explosive ordnance engineering and logistics plan
- 2.6** Source production and support materials and plan to procure in accordance with production plan
- 2.7** Confirm staffing requirements, and develop and implement recruiting plan to provide technical and

2 Plan to conduct explosive ordnance processes

- administrative staff in accordance with organisational policies and procedures
- 2.8** Identify and implement relevant legislative requirements including work health and safety (WHS) and environmental matters, during the planning and production processes
- 2.9** Finalise, document and authorise development and production plans in accordance with organisational policies and procedures
- 3 Manage explosive ordnance processes**
- 3.1** Inform explosive ordnance process supervisors about production requirements, resources and delegated authority
- 3.2** Manage explosive ordnance processes to ensure efficiency of their performance, and to achieve quality of production and objectives
- 3.3** Monitor production and adjust plans to reflect requirements in quality, quantity and efficiency
- 3.4** Coordinate explosive ordnance processes and reallocate/adjust resources, as required
- 3.5** Conduct liaison with supervisors, suppliers, clients and superiors as required, and address feedback and performance
- 3.6** Action reported defects/problems in accordance with organisational procedures and instructions
- 3.7** Determine and either provide or request support requirements in accordance with organisational procedures
- 3.8** Provide reports in accordance with operational guidelines
- 4 Conclude processes**
- 4.1** Process production in accordance with organisational instructions and procedures
- 4.2** Debrief supervisors on the performance of their process
- 4.3** Relocate resources in accordance with organisational instructions and procedures
- 4.4** Document explosive ordnance processes to meet organisational requirements

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 replaces and is equivalent to DEFEO210C Manage explosive ordnance engineering and logistics processes.

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 DEFEXO210 Manage explosive ordnance engineering and logistics processes

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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:

- adjusting processes to reflect changed circumstances
- communicating with supervisors, suppliers, clients and subordinates
- concluding explosive ordnance processes
- following safety, legislative and statutory requirements relevant to the risk assessment
- identifying, interpreting and analysing risk assessment requirements relevant to explosive ordnance engineering and logistics processes
- identifying, sourcing and allocating relevant resources to the processes
- managing explosive ordnance processes efficiently and effectively
- planning for the conduct of explosive ordnance processes
- preparing complex documents, includes reports, feasibility assessments and organisational plans
- using effective techniques to support teams

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 knowledge of:

- acquisition processes
- composition of teams, and roles and responsibilities of team members
- explosive ordnance engineering and logistics processes
- feasibility assessment requirements
- instructions and procedures relating to the performance of the processes
- inventory control
- operational safety associated with the explosive ordnance process
- organisational procedures for budgets and financial management
- relevant legislation, organisational policies, procedures and instructions, including work health and safety
- relevant organisational reporting requirements and procedures

- resource and other requirements for the engineering and logistics 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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