



Australian Government

DEFEXO069 Plan loading of dangerous goods

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 DEFEO214A Plan loading of dangerous goods.

- Unit code updated
- Content and formatting updated to comply with the new standards
- All PC transitioned from passive to active voice
- Elements 1 and 2 merged, and PC reordered and revised
- Elements 3 and 4 merged, and all PC reordered and revised

Application

This unit describes the skills required to plan loading of dangerous goods in accordance with relevant regulatory requirements and workplace procedures. It includes assessing the goods/freight to be loaded, planning the transfer and loading operations, and completing all required documentation.

This unit applies to personnel with responsibility for resource coordination and allocation.

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 work autonomously, usually managing individuals and teams. They would use discretion and judgement, and take responsibility for the quality of their output. They would perform complex tasks in a broad range of complex contexts utilising strategic and highly specialised knowledge.

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 Plan transfer/loading operations

- 1.1** Coordinate and liaise with stakeholders
- 1.2** Identify goods to be transported
- 1.3** Assess compatibility of dangerous goods
- 1.4** Determine degree of risk for transported dangerous goods
- 1.5** Plan segregation and storage requirements for safe transport
- 1.6** Develop plans for dangerous goods transfer/loading operations and communicate to relevant personnel
- 1.7** Determine marking and placard load requirements
- 1.8** Plan and coordinate delivery and pick up operations
- 1.9** Identify risks and shortfalls and develop contingency plans
- 1.10** Provide team briefings and coordinate resource allocations

2 Document and review procedures

- 2.1** Document dangerous goods loading procedures to meet organisational requirements including completion of dangerous goods declarations
- 2.2** Assess shipping documentation
- 2.3** Check drivers/operators and dangerous goods licenses and insurance requirements in relation to load
- 2.4** Record and report variations in load deliveries and pick-ups

- 2.5 Evaluate and refine planning processes and procedures in response to operational feedback
- 2.6 Manage records and documents

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 DEFEO214A Plan loading of dangerous goods.

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 DEFEXO069 Plan loading of dangerous goods

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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 includes:

- applying security requirements
- complying with Explosive Licence Limits
- determining required permits and compliance with relevant regulations/codes of practice
- identifying and solving problems that may arise during the planning of the loading of dangerous goods
- identifying factors in work schedules, time and resource requirements when planning the loading of dangerous goods
- identifying hazards that may exist during the loading/transferring of dangerous goods and hazardous substances and ways of controlling the risks involved
- interpreting operational and technical data, instructions and manuals
- managing and prioritising work and coordinating self and others in relation to workplace activities
- modifying activities to cater for variations in workplace contexts and environment
- providing customer/client service
- providing leadership to others
- suggesting improvements to workplace operations, and negotiating changes

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:

- strategic knowledge of:
 - application of Explosive Licences Limits
 - application of Explosive Transport Regulations and/or organisational policies and procedures for transportation of dangerous goods
 - permit and licence requirements
 - relevant aspects of AEC and ADG code and relevant Australian Standards applicable to dangerous goods and hazardous substances
 - relevant Australian and international standards and associated certification requirements
 - relevant regulations and codes concerning the handling, loading and transport of goods and freight
- in-depth knowledge of:
 - equipment applications, capacities, configurations, safety hazards and control
 - operation of maintenance systems, resources, management and workplace operating systems
 - quality and customer service standards, policies and 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.

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