



Australian Government

TLIO5006 Plan and manage security procedures for transferring and transporting dangerous goods

Release: 1

TLIO5006 Plan and manage security procedures for transferring and transporting dangerous goods

Modification History

Release 1. This is the first release of this unit of competency in the TLI Transport and Logistics Training Package.

Application

This unit involves the skills and knowledge required to plan and manage security procedures for transferring and transporting dangerous goods in accordance with relevant regulatory requirements and workplace procedures, including the current Australian Dangerous Goods (ADG) Code.

The unit includes clarifying the movements of hazardous or high risk goods, implementing procedures for loading and unloading goods movement activities, checking and monitoring personnel and goods within the work area, coordinating responses on security incidents/emergencies, carrying out surveillance of work areas, and reviewing and completing goods transfer operations.

Work is under general guidance on progress and outcomes. It requires discretion and judgement for self and others in planning and using resources, services and processes to achieve required outcomes.

The unit generally applies to those with responsibility for resource coordination and allocation, who lead individuals or teams.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

O – Security

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to

essential outcomes.

demonstrate achievement of the element.

1 Clarify movements of hazardous or high risk goods

- 1.1 Transport schedule details, nature of risk, special precautions and procedures are planned with line managers, supervisory staff and loaders
- 1.2 Appropriate permits and licences for transfer site/transport route are obtained/confirmed or exemptions are sought, as required
- 1.3 Potential risks or hazards are identified, assessed and processes are planned to manage risk
- 1.4 Information collected is checked against workplace procedures and relevant regulatory framework
- 1.5 Activities requiring special approval or workplace procedure changes are authorised and/or approvals are obtained
- 1.6 Security procedures are communicated to relevant parties

2 Implement procedures for loading, unloading goods movement activities

- 2.1 Advice is provided to relevant emergency response groups (internal and/or external) or other affected personnel or contractors
- 2.2 Procedures to control movement of equipment and personnel within the goods movement area in relation to identified risks are implemented
- 2.3 Security procedures are monitored and maintained, and action is taken to modify procedures as required
- 2.4 Goods are moved in accordance with relevant enterprise procedures and statutory regulations

3 Check and monitor personnel and goods within the work area

- 3.1 Personnel and vehicles are checked in accordance with enterprise operational procedures and statutory authority regulations
- 3.2 Receival and delivery of consignment is recorded in accordance with enterprise operational procedures to ensure identification of carrier, vehicle, consignment, receiver and documentation

4 Coordinate responses on security incidents/emergencies

- 4.1 Security incidents are dealt with in accordance with statutory authority regulations and workplace operational procedures
- 4.2 Incident reports are communicated in a concise style that

conforms to organisational policy

4.3 Potential security risks are observed and reported in accordance with operational procedures

5 Carry out surveillance of work areas

5.1 Surveillance of work areas is in accordance with workplace operational procedures and regulatory requirements

5.2 Buildings and vehicles are appropriately secured

5.3 Personnel and vehicles are authorised to be in a secured area in accordance with workplace security procedures

5.4 Checks are made to ensure storage areas and consignments are secure

5.5 Measures are taken to confirm equipment is secure, in accordance with workplace procedures

6 Review and complete goods transfer operation

6.1 Completed activities are checked against operational plan

6.2 Relevant documentation is completed

6.3 Specialised equipment used for the process is maintained and stored

6.4 Worksite is checked and returned to operational status

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 can be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIO5006A Plan and manage security procedures for transferring and transporting dangerous goods.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>

Assessment Requirements for TLIO5006 Plan and manage security procedures for transferring and transporting dangerous goods

Modification History

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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:

- adapting to differences in equipment in accordance with standard operating procedures
- applying precautions and required action to minimise, control or eliminate hazards that may exist during work activities
- assessing security risks arising from the nature of the load
- communicating effectively with others when planning and managing security procedures for the transfer and transport of dangerous goods and hazardous substances
- completing documentation related to planning and managing security procedures for the transfer and transport of dangerous goods and hazardous substances
- determining required permits and licences
- identifying job and site hazards, and planning work to minimise risks
- identifying the factors in work schedules, time and resource requirements (including sourcing expertise external to the work team) when planning and managing security procedures for the transfer and transport of dangerous goods and hazardous substances
- implementing contingency plans
- implementing security procedures required when security measures change
- interpreting and following operational instructions and prioritising work
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring work activities in terms of planned schedule
- operating electronic communications equipment to required protocol
- planning and implementing procedures for the safe and efficient loading/unloading and movement of dangerous goods
- planning and organising systems and activities
- providing customer and client service
- providing leadership and working collaboratively with others
- reading and interpreting instructions, procedures, information and regulations relevant to planning and managing security procedures for the transfer and transport of dangerous goods and hazardous substances

- reporting and/or rectifying identified problems promptly, in accordance with regulatory requirements and workplace procedures
- selecting and applying appropriate technology, information systems and procedures
- selecting appropriate equipment and work systems to maintain the security of loads within requirements for safe handling and protection of goods, transport, personnel and the public
- suggesting improvements to housekeeping and workplace operations and negotiating changes
- working systematically with required attention to detail without injury to self or others, or damage to goods or equipment.

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:

- application of current competencies within functional activity
- application of relevant Australian and international standards and associated certification requirements
- equipment applications, capacities, configurations, safety hazards and control
- hazards that may exist when transferring and transporting dangerous goods and hazardous substances, and ways of controlling the risks involved
- licence and permit requirements applicable to dangerous goods and hazardous substances
- operational work systems, resources, management and workplace operating systems
- quality and customer service standards, policies and procedures
- relevant work health and safety (WHS)/occupational health and safety (OHS) and environmental protection procedures and regulations
- relevant regulations and codes concerning the handling, transfer and transport of dangerous goods, including the current Australian Dangerous Goods (ADG) Code
- relevant workplace documentation procedures
- resource availability including the competencies of individuals in the team/group
- security problems that may occur when transferring and transporting dangerous goods and hazardous substances, and action that can be taken to report or resolve these problems
- visual inspection procedures
- workplace procedures for planning and managing security for transferring and transporting dangerous goods and hazardous substances.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the Standards for Registered Training Organisations, current at the time of assessment.

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Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate 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 include:

- a range of relevant exercises, case studies and/or other simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment currently used in industry
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals.
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