



Australian Government

TLID0021 Store and handle dangerous goods and hazardous substances

Release: 1

TLID0021 Store and handle dangerous goods and hazardous substances

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 store and handle dangerous goods and hazardous substances.

It includes identifying requirements for working with dangerous goods and/or hazardous substances, confirming site incident procedures and selecting handling techniques in accordance with relevant work health safety (WHS)/occupational health and safety (OHS) regulations concerning the safe handling of dangerous goods and hazardous substances, within the transport and logistics industry.

Work is performed under general supervision.

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

Pre-requisite Unit

Not applicable.

Competency Field

D – Load Handling

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.

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| 1 Identify requirements for working with dangerous goods and/or hazardous substances | <ul style="list-style-type: none">1.1 Dangerous goods and/or hazardous substances are identified from information, including class labels, manifests and other documentation1.2 Job hazards are identified and required action is taken to minimise, control or eliminate identified hazards1.3 Storage requirements for dangerous goods and/or hazardous substances are identified and applied1.4 Legislative requirements for dangerous goods and/or hazardous substances are used to plan work activities1.5 Handling procedures for different classes and characteristics of goods are identified1.6 Confirmation is sought from relevant personnel where dangerous goods and/or hazardous materials do not appear to be appropriately marked |
| 2 Confirm site incident procedures | <ul style="list-style-type: none">2.1 Incident reporting processes are identified2.2 Emergency equipment is identified and checked in accordance with workplace procedures and statutory regulations2.3 Emergency procedures are identified and confirmed |
| 3 Select handling techniques | <ul style="list-style-type: none">3.1 Load handling and shifting techniques are identified in accordance with particular goods and workplace procedures3.2 Handling equipment is checked for conformity with workplace requirements and manufacturer guidelines3.3 Suitable signage or placards are checked for compliance with workplace procedures, as required |

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 TLI Transport and Logistics Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLID2003 Handle dangerous goods/hazardous substances.

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 TLID0021 Store and handle dangerous goods and hazardous substances

Modification History

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria on at least one occasion and include:

- completing relevant documentation
- estimating weights and dimensions of loads and any special requirements
- identifying and assessing handling and storage precautions and requirements for dangerous goods and/or hazardous substances
- identifying and selecting safety requirements for handling dangerous goods and/or hazardous substances
- identifying containers and goods coding, markings and emergency information panels for mode of transport and/or for storage selected, as required
- identifying dangerous goods/hazardous substances using labels, Globally Harmonized System of Classification and Labelling of Chemicals (GHS), International Maritime Dangerous Goods (IMDG) Code markings, HAZCHEM signs and other relevant identification criteria
- identifying job and site hazards, and planning work to minimise risks
- maintaining workplace records and documentation
- operating electronic communications equipment to required protocol
- reading, interpreting and following relevant instructions, procedures, regulations, information and signs
- selecting and using required personal protective equipment (PPE) conforming to industry and work health and safety (WHS)/occupational health and safety (OHS) standards
- 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 the requirements of the elements and performance criteria and include knowledge of:

- housekeeping standards and workplace procedures
- problems that may arise when handling of dangerous goods and hazardous substances and actions that should be taken to prevent or solve these problems
- recognising hazards and applying precautions and required action to minimise, control or

- eliminate recognised hazards
- relevant regulations, codes and signage concerning handling dangerous goods and hazardous substances including:
 - Australian Dangerous Goods (ADG) Code
 - Australian Standards
 - GHS
 - HAZCHEM signs
 - IMDG Code
- risks when handling dangerous goods and hazardous substances and related precautions to control risk
- workplace procedures for handling and storing dangerous goods and hazardous substances

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 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 must include access to:

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

Links

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