



Australian Government

TLID0022 Store and handle dangerous goods and hazardous substances

Change log

Section	Comment (major change)												
Title	No change												
Application	No change												
Pre-requisite Unit	No change												
Elements and Performance Criteria	Element 1 title updated to better reflect content. Performance criteria rewritten in active voice Performance criteria reviewed and minor amendments with no change to unit outcomes												
Foundation Skills	Foundation skills information about unit has been added to a new TLI Foundation Skills Companion Volume												
	<table><tr><th>Australian Core Skills Framework</th><th>Learning</th><th>Reading</th><th>Writing</th><th>Oral Comm</th><th>Numeracy</th></tr><tr><td></td><td>3</td><td>3</td><td>2</td><td>2</td><td>2</td></tr></table> Digital Skills (DigComp 3.0) Basic: CS3.4.04: Represent simple sequences symbolically, interpret simple symbolic sequences, and give basic instructions to a computer to perform simple tasks Basic: CS5.1.03: Identify common technical issues and follow instructions to help to solve them. Int: CS3.2.07: Modify or transform digital textual, numeric or visual representations to effectively and accurately convey the meaning of data and information.	Australian Core Skills Framework	Learning	Reading	Writing	Oral Comm	Numeracy		3	3	2	2	2
Australian Core Skills Framework	Learning	Reading	Writing	Oral Comm	Numeracy								
	3	3	2	2	2								
Range of Conditions	Removed. No longer a mandatory field												
Performance Evidence	Performance Evidence reviewed and amended with no change to unit outcomes												
Knowledge Evidence	Knowledge Evidence reviewed and amended with no change to unit outcomes												
Assessment Conditions	Minor amendments to wording made												
If no major change in any section	Text clarified without changing requirements												

TLID0022 Store and handle dangerous goods and hazardous substances

Modification History

Release	Comments
1	This unit of competency was first released in TLI Transport and Logistics Training Package Release 17.0.

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. Work is performed under general supervision and in accordance with relevant work health safety (WHS)/occupational health and safety (OHS) regulations concerning the safe handling of dangerous goods and hazardous substances.

Licensing/Regulatory Information

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

Pre-requisite unit(s)

Not applicable.

Competency field(s)

D - Load Handling

Unit sector(s)

Transport and Logistics

Elements and Performance Criteria

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

1	Identify and apply requirements for working with dangerous goods and/or hazardous substances	1.1	Identify dangerous goods and/or hazardous substances from labels, manifests, and other documentation
		1.2	Conduct risk assessment for handling, storing and potential environmental implications of dangerous goods and/or hazardous substances and apply control measures
		1.3	Identify and apply storage requirements for dangerous goods and/or hazardous substances
		1.4	Identify and apply Legislative requirements for dangerous goods and/or hazardous substances
		1.5	Identify handling procedures for different classes and characteristics of dangerous goods
		1.6	Identify inappropriately marked dangerous goods and/or hazardous materials and confirm with relevant personnel
2	Confirm site incident procedures	2.1	Identify and confirm emergency procedures and incident reporting processes
		2.2	Identify and check emergency equipment in accordance with workplace procedures and statutory requirements
3	Select handling techniques	3.1	Identify load handling and shifting techniques in accordance with particular goods and workplace procedures
		3.2	Check handling equipment for conformity with workplace requirements and manufacturer guidelines
		3.3	Check signage or placards for compliance with workplace procedures and statutory requirements

Foundation skills

Foundation Skills essential to successful completion of this unit are mapped to the Australian Core Skills Framework (ACSF) and the European Digital Competence Framework (DigComp 3.0). Further information is available in the TLI Training Package Foundation Skills Companion Volume.

Range of conditions

Not Applicable.

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Assessment Requirements for TLID0022 Store and handle dangerous goods and hazardous substances

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 and include:

- handling and storing dangerous goods and hazardous substances including:
 - reading, interpreting, and following relevant instructions, procedures, regulations, information and signs
 - conducting risk assessment and applying control measures
 - reading and interpreting coding, markings, and emergency information panels
 - assessing options and selecting correct handling equipment and methods
 - assessing options and selecting correct storage requirements and/or mode of transport
 - identifying and selecting safety requirements for handling dangerous goods and/or hazardous substances
 - checking emergency equipment for serviceability and compliance with regulatory requirements
 - applying work health and safety (WHS)/occupational health and safety (OHS) requirements including the use of PPE
 - maintaining relevant workplace records and completing required documentation.

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:

- workplace procedures, regulations, codes, and signage applicable to the handling and storage of dangerous goods and hazardous substances
- dangerous goods/hazardous substances labels, classifications, markings, signs, and other relevant identification criteria
- handling techniques and storage requirements for different classes of dangerous goods
- problems that may arise when handling of dangerous goods and hazardous substances and actions that should be taken to prevent or solve these problems and incident reporting processes
- risks when handling and storage of dangerous goods and hazardous substances and related precautions to control risk

Assessment Conditions

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, emergency and personal protective equipment (PPE) currently used in industry
- applicable documentation, including applicable legislation, regulations, codes of practice, workplace procedures and operation manuals.

Mandatory Workplace Requirements

Assessment of performance evidence may be in a workplace setting or an environment that accurately represents a real workplace.

Unit Mapping Information

Previous Code and Title	Equivalence	Comments
TLID0021 Store and handle dangerous goods and hazardous substances	Equivalent	

Links

Companion volumes, including implementation guides, are found on the national training register - <https://training.gov.au/training/details/TLI>.