



Australian Government

**TLIF0034 Apply awareness of dangerous
goods and hazardous materials
requirements**

Change log

Section Comment (major change)

Title No change

Application No change

Pre-requisite Unit Not applicable

Elements and Performance Criteria
Changed from passive to active voice
References to ADG code updated
Reviewed and wording tidied up where applicable without changes to outcomes

Foundation Skills
Foundation skills information about unit has been added to a new TLI Foundation Skills Companion Volume

Australian Core Skills Framework	Learning	Reading	Writing	Oral Comm	Numeracy
	3	3	2	2	2
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 Int: CS3.2.07: Modify or transform digital textual, numeric or visual representations to effectively and accurately convey the meaning of data and information.					

Range of Conditions
Removed. No longer a mandatory field

Performance Evidence
References to ADG code updated
Reviewed and wording tidied up where applicable without changes to outcomes

Knowledge Evidence
References to ADG code updated
Reviewed and wording tidied up where applicable without changes to outcomes

Assessment Conditions
References to ADG code updated

If no major change in any section
Text clarified without changing requirements

TLIF0034 Apply awareness of dangerous goods and hazardous materials requirements

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 identify and apply an awareness of hazardous substances and dangerous goods requirements.

It includes identifying legislation relating to hazardous substances and dangerous goods, segregating dangerous goods and hazardous substances, and dealing with incidents involving hazardous substances and dangerous goods.

This unit is intended for people who have minimal or no contact with explosives or hazardous substances and dangerous goods as part of their job role but who require an awareness of how hazardous substances and dangerous goods are labelled and segregated when being transported.

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)

F - Safety Management

Unit sector(s)

Rail sector

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	Apply appropriate legislation for transporting dangerous goods (DG) and hazardous substances	1.1	Identify and access Legislation and organisational policies and procedures for transporting hazardous substances and DG
		1.2	Identify labelling of different types of hazardous substances and DG
		1.3	Identify hazardous loads from transport manifests
2	Separate DG and hazardous substances	2.1	Identify hazardous substances and DG class and subsidiary risk information
		2.2	Correctly separate hazardous substances and DG in accordance with relevant documentation, and class and subsidiary risk information
3	Deal with incidents involving DG and hazardous substances	3.1	Obtain information about hazardous substances and DG involved in incident
		3.2	Conduct risk assessment for response to incident and identify and apply control measures
		3.3	Check documentation for compliance with separation rules, as required, in accordance with organisational procedures
		3.4	Relay information about hazardous substances and DG to appropriate people and authorities

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.

Assessment Requirements for TLIF0034 Apply awareness of dangerous goods and hazardous materials requirements

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:

- apply awareness of dangerous goods and hazardous materials requirements including:
 - accessing, interpreting, and applying applicable operational procedures and instructions, legislation, regulation, and codes of practice
 - checking relevant dangerous goods and/or hazardous substances segregation in accordance with class and subsidiary risk
 - identifying dangerous goods and hazardous substance labels and signs
 - identifying job hazards and taking required action to minimise, control or eliminate identified hazards
 - identifying relevant safety data sheets (SDS), manufacturer instructions, and organisational policies and procedures for dangerous goods and/or hazardous substances
 - completing required documentation for hazardous substances and dangerous goods.

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:

- applicable national, state/territory legislation, regulations, and codes of practice for identifying and labelling dangerous goods and hazardous substances
- segregation principles
- risks and hazards when transporting dangerous goods and hazardous substances
- incident response procedures.

Assessment Conditions

Assessment must occur in workplace operational situations or, where this is not available, 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:

- a range of relevant exercises, case studies and/or simulations

- relevant and appropriate materials, tools, equipment, and personal protective equipment (PPE) currently used in industry
- applicable documentation, including SDS, segregation charts, workplace procedures, regulations, industry standards, codes of practice, 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
TLIF3091 Apply awareness of dangerous goods and hazardous materials requirements	Equivalent	

Links

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