



Australian Government

TLIP0020 Implement, maintain and evaluate dangerous goods transport procedures within the workplace

Change log

Section Comment (major change)

Title No change

Application No change

Pre-requisite Unit No change

Elements and Performance Criteria Performance criteria changed to active voice
Wording tidied up where required without changing 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
	4	4	4	4	3
Digital Skills (DigComp 3.0)					
Int: CS2.4.04: Create, manage and contribute effectively to simple collaborative tasks in digital environments					
Int: CS3.2.07: Modify or transform digital textual, numeric or visual representations to effectively and accurately convey the meaning of data and information.					
Adv: CS1.3.15: Use range of digital tools and methods to collect and process a variety of data and information					
Adv: CS2.1.13: Combine digital communication tools and methods					

Range of Conditions Removed. No longer a mandatory field

Performance Evidence Wording tidied up where required without changing outcomes

Knowledge Evidence Wording tidied up where required without changing outcomes

Assessment Conditions No change

If no major change in any section

TLIP0020 Implement, maintain and evaluate dangerous goods transport procedures within the workplace

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 implement, maintain and evaluate dangerous goods transport procedures within the workplace.

This includes implementing a policy framework for the transport and storage of dangerous goods, establishing and maintaining procedures for identifying hazards and assessing risks, establishing and maintaining assessment procedures for monitoring conformance and controlling risks. Implementing and monitoring procedures for maintaining dangerous goods records and evaluating the implementation of dangerous goods transport policies, procedures and programs within the workplace must be conducted in accordance with relevant regulatory requirements, workplace procedures and codes of practice, including the current Australian Dangerous Goods (ADG) Code.

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, and who lead individuals or teams.

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)

P - Administration & Finance

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	Implement a policy framework for the transport and storage of dangerous goods	1.1	Develop policies that comply with current ADG Code and dangerous goods transport and storage regulations, and are consistent with overall workplace policies
		1.2	Clearly define and allocate responsibilities and duties for transporting and storing dangerous goods, and include them in all relevant job descriptions and duty statements
		1.3	Confirm licensing requirements for employees
		1.4	Develop and implement consultative processes
		1.5	Develop and implement emergency incident/accident procedures
		1.6	Provide information, instructions and training on dangerous goods transport and storage procedures to enable employees to effectively implement the required systems and processes
2	Establish and maintain procedures for identifying hazards and assessing risks	2.1	Identify and confirm hazards in the work area
		2.2	Develop procedures for ongoing identification of hazards and risk assessment and integrate them within work systems
		2.3	Address hazard identification at the planning, design and evaluation stages of any workplace change
		2.4	Implement maintenance and inspection program to confirm that vehicles, equipment and storage areas comply with regulatory and enterprise requirements
3	Establish and maintain assessment procedures for	3.1	Develop and integrate ongoing system for risk control, based on a hierarchy of controls, within general work procedures

	monitoring conformance and controlling risks		
		3.2	Develop and implement measures to control assessed risks and monitor conformance in accordance with current ADG Code, relevant dangerous goods transport regulations, and priorities identified in the workplace
		3.3	Investigate non-conformance and implement procedures for rectification
		3.4	Identify inadequacies in dangerous goods transport procedures and implement measures to improve workplace practice
4	Implement and monitor procedures for maintaining dangerous goods records	4.1	Establish dangerous goods records system in accordance with current ADG Code and relevant legislative framework
		4.2	Complete records in accordance with the current ADG Code, dangerous goods transport regulations and enterprise policies
5	Evaluate the implementation of dangerous goods transport policies, procedures and programs within the workplace	5.1	Assess effectiveness of dangerous goods transport policies, procedures and programs
		5.2	Identify and implement improvements to dangerous goods transport procedures
		5.3	Assess compliance with current ADG Code and dangerous goods transport regulations to ensure legal requirements are maintained

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 TLIP0020 Implement, maintain and evaluate dangerous goods transport procedures within the workplace

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:

- Identifying, obtaining, reading and interpreting relevant Codes, regulation instructions, procedures, information and manuals
- identifying requirements of tasks and organising planning, job completion and evaluation stages
- implementing and monitoring policies and processes for transporting dangerous goods
- selecting and applying appropriate technology, information systems and procedures
- identifying the factors in work schedules, time and resource requirements (including sourcing expertise external to the work team) when implementing, maintaining and evaluating dangerous goods transport procedures
- communicating effectively with others when implementing, maintaining and evaluating dangerous goods transport procedures
- applying precautions and required action to minimise, control or eliminate identified hazards
- selecting and using required personal protective equipment (PPE) conforming to industry and work health safety (WHS)/occupational health and safety (OHS) standards
- liaising with authorities, drivers, line managers and customers to ensure policies and procedures are meeting required needs
- prioritising, managing and monitoring work activities of self and others against planned schedule and modifying activities to cater for variations in workplace contexts and environment
- providing leadership and working collaboratively with others when implementing, maintaining and evaluating dangerous goods transport procedures
- mediating and resolving issues about transporting dangerous goods, maximising positive outcomes for the workplace and the individuals within it
- operating electronic communications equipment to required protocol
- suggesting improvements to dangerous goods transport procedures and negotiating changes
- reporting and/or rectifying problems, faults or malfunctions promptly in accordance with regulatory requirements and workplace procedures
- completing relevant 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:

- current Australian Dangerous Goods (ADG) Code and relevant Australian Standards applicable to dangerous goods and hazardous substances
- application of relevant Australian and international standards and associated certification requirements
- regulations and codes for transporting goods and freight
- regulatory, licence and permit requirements for transporting dangerous goods
- relevant workplace documentation, policies and procedures
- resource availability, including application of current competencies individuals in the team/group within functional activity
- equipment applications, capacities, configurations, safety, hazards and controls
- hazards that may exist when transporting dangerous goods and hazardous substances, and ways of controlling the risks involved
- risk hierarchy of control and its implementation in the workplace
- operation of dangerous goods transport systems, resources, management and workplace operating systems
- problems that may occur when transporting dangerous goods and hazardous substances, and actions that can be taken to report or resolve the problems
- quality and customer service standards, policies and procedures
- workplace processes for implementing, maintaining and evaluating dangerous goods transport procedures.

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 and PPE currently used in industry
- applicable documentation, including 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
TLIP4003 Implement, maintain and evaluate dangerous goods transport procedures within the workplace	Equivalent	

Links

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