



Australian Government

TLILIC0001 Licence to transport dangerous goods by road

Release: 1

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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 obtain a dangerous goods (DG) driver licence to transport DG by road.

The unit covers compliance with regulatory requirements but does not address all the skills and knowledge for the transportation of DG. On achieving this unit and obtaining a licence, further industry specific training will be required to satisfy legislative requirements to transport DG.

The primary legislative requirement applicable to this unit of competency is the Model Subordinate Law on the Transport of Dangerous Goods by Road or Rail, which is reflected in state/territory legislation.

This law, in relation to the safe transport of DG, references the current version of the Australian Dangerous Goods (ADG) Code, the Model Act on the Transport of Dangerous Goods by Road and Rail, relevant Australian Standards (AS) and relevant work health and safety (WHS)/occupational health and safety (OHS) legislation including licensing and assessment requirements.

Achieving this unit of competency is a necessary requirement for obtaining a licence. However, it is only one of several criteria for obtaining a DG driver licence. More information can be sourced from the regulator in each jurisdiction regarding other criteria that apply, which can vary between states and territories. Compliance with these requirements may be required nationally and/or in specific jurisdictions.

Pre-requisite Unit

Not applicable.

Competency Field

LIC – Licensing

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.

1 Identify individual organisations and systems for the transport of dangerous goods	1.1	Responsibilities and duties for the transport of DG are clearly outlined
	1.2	Systems, organisations, and people who impact on the transport of DG are identified
2 Identify UN numbers, classes and divisions of dangerous goods including packing groups and categories of dangerous goods	2.1	Proper shipping names and other relevant information from the DG Lists are identified
	2.2	UN class and division labels for DG are determined in accordance with the ADG Code and regulatory requirements
	2.3	Packing groups and categories for DG are identified and confirmed as required
	2.4	DG List is used to identify packing instructions and special provisions
	2.5	Goods that are too dangerous to transport are identified
	2.6	Hazards of commonly transported DG are identified
	2.7	Placard loads are determined from ADG Code criteria and regulatory requirements for the transport of placard loads are identified
3 Maintain dangerous goods documentation	3.1	Transport documentation is completed accurately and is amended as required in accordance with the ADG Code, regulatory requirements and enterprise procedures
	3.2	Requirements for the correct placement of transport documentation in the cabin are explained
4 Plan and manage safe transport of dangerous goods	4.1	Regulatory requirements for carrying passengers while transporting DG are identified
	4.2	Prohibited practices and the carrying of prohibited objects during transport are identified
	4.3	Regulatory requirements for planning routes covering driving, parking, loading and unloading, uncoupling and/or securing the vehicle are explained

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| | 4.4 | Transport routes are checked to ensure prohibited areas are avoided and restricted routes are identified |
| | 4.5 | Regulatory requirements for transporting empty or nominally empty DG packaging are identified in accordance with the ADG Code |
| | 4.6 | Regulatory requirements and driver role in vehicle breakdown situations are appropriately identified |
| 5 Check all safety equipment and its serviceability | 5.1 | Safety equipment, including personal protective equipment (PPE), is determined and selected in accordance with the type of DG being transported, the ADG Code and regulatory requirements |
| | 5.2 | Suitability and serviceability of all safety equipment, including PPE, is identified |
| 6 Check vehicle and assess suitability of transport mode for intended load | 6.1 | Suitability of the vehicle to carry DG is assessed |
| | 6.2 | Suitability of DG packaging is checked to ensure it is fit for purpose |
| | 6.3 | Ullage in large compartments is assessed for compliance with the ADG Code |
| | 6.4 | Transport documentation is checked to ensure DG markings and vehicle placards are consistent with the load being carried, are legible and are clearly visible, in compliance with the ADG Code |
| | 6.5 | DG loads are checked for compatibility and segregation in accordance with regulatory requirements |
| | 6.6 | Load restraint methods and equipment for transporting DG are identified in accordance with the ADG Code and the National Transport Commission (NTC) Load Restraint Guide |
| | 6.7 | Special transport operations are checked in accordance with the ADG Code |
| 7 Follow emergency procedures | 7.1 | HAZCHEM codes are explained and assigned for a range of DG loads |
| | 7.2 | Emergency information required for types of DG being transported is appropriately identified and provided to relevant personnel and emergency services as requested |
| | 7.3 | Driver role and obligations in an emergency situation are identified within a Transport Emergency Response Plan |

(TERP) and any equipment for containment, clean up or recovery is identified within the plan

8 Plan, control and manage transfer of dangerous goods

- 8.1 Positioning of vehicle for DG bulk transfer is planned in accordance with the ADG Code
- 8.2 Suitable safety measures for the transfer of all classes DG being transferred are identified in accordance with the ADG Code
- 8.3 Appropriate transfer equipment is selected for the task and adequate lighting levels are provided in accordance with the ADG Code
- 8.4 Responsibilities of driver during transfer of DG are identified in accordance with the ADG Code
- 8.5 Emergency procedures, in a spill or leak incident, during transfer, are identified and implemented in accordance with the ADG Code
- 8.6 Hoses used to transfer DG are appropriately identified, tested and used in accordance with the ADG Code

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 but is **not** equivalent to TLILIC3013A Preparation to transport dangerous goods by road.

Links

Companion Volume implementation guides are found in VETNet -

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