Australian Government

TLIC3004 Drive heavy rigid vehicle

Release: 1

TLIC3004 Drive heavy rigid vehicle

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 drive a heavy rigid vehicle safely, in compliance with relevant state/territory roads and traffic authority licence requirements and regulations for heavy rigid vehicles.

It includes maintaining systematic and efficient control of all vehicle functions, monitoring traffic and road conditions, managing vehicle condition and performance, and effectively managing hazardous situations.

Driving is performed with limited or minimum supervision, and with duty of care responsibility for self and others in achieving the prescribed outcomes.

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

Pre-requisite Unit

Not applicable.

Competency Field

C – Vehicle Operation

Unit Sector

Not applicable.

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 Drive heavy rigid vehicle	1.1 Heavy rigid vehicle is started, steered, manoeuvred, positioned and stopped in accordance with traffic regulations and manufacturer instructions

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	1.2	Engine power is managed, to ensure efficiency and performance, and to minimise engine and gear damage
	1.3	Engine operation is maintained within manufacturer specified torque range and temperature, through effective gear selection and smooth transition in gear changes
	1.4	Heavy rigid vehicle braking system is managed and operated to ensure effective vehicle control under all conditions
	1.5	Driving hazards are identified and/or anticipated and avoided or controlled through defensive driving
	1.6	Heavy rigid vehicle is driven in reverse, maintaining visibility and achieving accurate positioning
	1.7	Heavy rigid vehicle is parked, shut down and secured in accordance with manufacturer specifications, traffic regulations and workplace procedures
	1.8	Over width and overweight permit applications are completed and submitted in accordance with relevant regulatory requirements as required
	1.9	Appropriate procedures are followed in a driving emergency
2 Monitor traffic and road conditions	2.1	Most efficient route of travel is taken by monitoring and anticipating traffic flows and conditions, road standards and other factors likely to cause delays or route deviations
	2.2	Traffic and road conditions are constantly monitored and acted on to enable safe operation and to ensure no injury to people or damage to property, equipment loads and facilities
3 Monitor and maintain vehicle performance	3.1	Vehicle performance is maintained through pre-operational inspections and vehicle checks
	3.2	Performance and efficiency of vehicle operation is monitored during use
	3.3	Defective or irregular performance or malfunctions are reported to appropriate authority
	3.4	Vehicle records are maintained/updated and information is processed in accordance with workplace procedures

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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 and is equivalent to TLIC3004A Drive heavy rigid vehicle.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851

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