



Australian Government

DEFTP005B Operate a multi-axe trailer

Release 2

DEFTP005B Operate a multi-axle trailer

Modification History

Release	TP version	Comments
2	DEF12 V2	Layout adjusted.
1	DEF12 V1	First release.

Unit Descriptor

This unit covers the competency required to configure, **load**, tow, manoeuvre and **unload a multi-axle trailer** coupled to a wheeled vehicle authorised to tow this type of trailer. Multi-axle trailers in this context are used to transport wheeled and tracked vehicles, containers and items of general cargo in a range of **operating environments**.

Application of the Unit

As agreed in the creation of this Training Package, applications for units transferred from the PUA00 Public Safety Training Package will be developed as part of continuous improvement plans, and taking into account the change in Unit of Competency format as detailed in templates for Streamlined Training Packages.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

TLID2004A Load and unload goods/cargo
TLIF3031A Coordinate breakdowns and emergencies

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a Unit of Competency.

Performance Criteria describe the required performance needed to demonstrate achievement of the element. Where ***bold italicised*** text is used, further information is detailed in the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Load a multi-axle trailer	1.1 <i>Serviceability check</i> of the trailer is conducted in accordance with <i>standard procedures</i> 1.2 Faults are rectified and/or reported in accordance with standard procedures 1.3 <i>Trailer is prepared and configured</i> to meet the requirements of the load/cargo 1.4 Trailer is loaded with different <i>types of loads</i> in accordance with standard procedures 1.5 Load is secured and protected in accordance with standard procedures
2. Tow a multi-axle trailer	2.1 Multi-axle trailer is coupled and uncoupled to a vehicle in accordance with standard procedures 2.2 Multi-axle trailer is towed demonstrating the ability to manoeuvre, brake, corner, reverse, push the trailer, overtake other vehicles and handle <i>emergency situations</i>
3. Unload a multi-axle trailer	3.1 Multi-axle trailer is unloaded on completion of the task 3.2 Serviceability and damage checks are conducted in accordance with standard procedures 3.3 Faults are rectified and/or reported in accordance with standard procedures

Required Skills and Knowledge

This describes the essential skills and knowledge and their level, required for this unit.

Required Skills

- load, restrain and protect loads
- manoeuvre a trailer
- monitor and anticipate traffic hazards
- manage stressful and emergency situations
- follow instructions/directives and report information
- participate in team
- encourage other team members
- use a variety of verbal and non-verbal communication techniques including language style, active listening
- apply WHS requirements when operating medium and heavy vehicles and towing multi-axle trailers

Required Knowledge

- WHS requirements for operating medium and heavy vehicles and towing multi-axle trailers
- road traffic rules and regulations for operating medium and heavy vehicles and towing multi-axle trailers
- safe loading and restraint procedures and limits for trailers
- trailer coupling systems
- emergency situations that may require towing trailers
- team work principles and strategies
- techniques for supporting others
- composition of teams and roles and responsibilities of team members
- verbal and non-verbal communication techniques including language style, active listening

Evidence Guide

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Assessment must confirm the ability to inspect, load, couple/uncouple, tow, manoeuvre and unload a multi-axle trailer under a range of road transport operating conditions by day and night carrying different types of loads.

Assessment must also confirm the ability to:

- configure a multi-axle trailer to suit the requirements of different types of loads and tasks
- load and unload a trailer with different types of loads and securing devices
- couple and uncoupling trailers to various types of vehicle
- manoeuvre the trailer through a range of driving situations and road conditions
- handle emergency situations.

Consistency in performance

Competency should be demonstrated under a range of road transport operating environments towing a multi-axle trailer carrying various types of loads. Assessment will need to be undertaken on a number of occasions to provide the individual with the opportunity to demonstrate competence in manoeuvring a loaded trailer in a range of contexts and conditions.

Context of and specific resources for assessment

Context of assessment

Competency should be assessed under a range of road and traffic conditions to assess performance in stressful conditions. The assessment should be conducted as part of a 'long-haul' activity of extended duration loading and towing a number of types of cargo.

The individual should be assessed in the interpretation of an instruction for a transport task requiring a multi-axle trailer, preparation and configuration of the trailer and the subsequent loading, restraint and protection of the load. The individual should then be assessed in coupling a trailer and driving the vehicle which includes the requirement to manoeuvre, brake, corner, reverse, push, overtake other vehicles and handle emergency situations.

Specific resources for assessment

Access to:

- suitable training and assessment area

- suitable wheeled vehicles with complete equipment schedules
- multi-axle trailers of various types
- loads including wheeled vehicles, tracked vehicles, containers and general cargo
- restraint devices and protective covers

Range Statement

The Range Statement relates to the Unit of Competency as a whole. It allows for different work environments and situations that may affect performance. ***Bold italicised*** wording in the Performance Criteria is detailed below.

<i>Loading the trailer</i> include:	• Obtaining the assistance of a forklift, crane or other specialised equipment appropriate to the load • Checking the position and distribution of the load • Ensuring load is dispersed across axles • Ensuring load is within safe working capacity of the trailer • Restraining the load to comply with load restraint guidelines and guidelines for the safe carriage of loads on road transport vehicles appropriate to the load • Protecting the load with a suitable cover
<i>Unloading a trailer</i> include:	• Obtaining the assistance of a forklift, crane or other specialised equipment appropriate to the load • Removing protective coverings and restraints • Stacking or positioning the cargo/items of equipment in accordance with instructions
<i>Multi-axle trailers</i> may include:	• All medium and heavy multi-axle trailers (in defence multi-axle trailers are normally towed behind the Unimog 4 t medium truck and the Mack 8 t heavy truck)
<i>Operating environment</i> includes:	• Operations conducted by day or night • Work conducted in confined spaces and under exposed conditions • all operational road transport situations • A range of weather, terrain, road and traffic conditions
<i>Serviceability check</i> may include:	• Ensuring the trailer is registered to carry the weight and type of load • Brakes and tyres • Lights • Coupling and towing mechanism • Specialist equipment such as restraint devices and chains
<i>Standard procedures</i> refer to:	• Written and verbal orders and instructions • Standing orders, routine orders, procedures manuals, doctrine pamphlets, job guides and other publications • Defence Road Transport Instructions, Driver's Handbook, vehicle user's handbook • Guidelines for Safe Carriage of Loads on Road Vehicles (Load Restraint Guide)

	• Procedures prescribed for the vehicle and towing by the relevant state/territory traffic authority • WHS legislation and procedures applying to towing and the safe carriage of loads
<i>Preparation and configuration of the multi-axle trailer</i> may include:	• Ensuring the trailer is authorised and suitable for the task • Removing sidebars and tailgate • Checking the suitability and serviceability of the restraint devices and protective coverings for the load • Fitting restraint devices • Fitting signs • Fitting specialist equipment according to the type of load
<i>Types of loads</i> may include:	• Wheeled and track vehicles • Containers and boxes • Items of equipment • General cargo
<i>Emergency situations</i> may include:	• Road accidents • Loss or shifting of the load • Breaking or loosening of restraints • Encountering hazardous road conditions • Emergency braking

Unit Sector(s)

Not applicable.