



Australian Government

Department of Education, Employment and Workplace Relations

TLIC707C Operate vehicle carrying special loads

Release: 1

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Modification History

Not applicable.

Unit Descriptor

This unit involves the skills and knowledge required to drive a vehicle carrying a special load safely including compliance with road traffic authority and other relevant government regulations and company policies; and effective management of hazardous situations.

Application of the Unit

Driving must be carried out in compliance with the licence and permit requirements and regulations of the relevant state/territory roads and traffic authority as well as the specific regulatory and permit requirements pertaining to the special load being carried.

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

Driving involves the application of routine vehicle driving principles and procedures to maintain the safety and operation of a commercial vehicle carrying a special load across a variety of driving contexts.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

Employability Skills Information

The required outcomes described in this unit of competency contain applicable facets of Employability Skills. The Employability Skills Summary of the qualification in which this competency is packaged will assist in identifying employability skill requirements.

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. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

Elements and Performance Criteria

Element	Performance Criteria
1 Carry out pre-operational checks	<p>1.1 The pre-operational checks for the special purpose vehicle and its associated ancillary equipment are carried out in accordance with manufacturers requirements, government regulations and workplace policies and procedures</p> <p>1.2 All faults and defects identified during checks are repaired or reported in accordance with workplace procedures</p>
2 Drive a vehicle carrying special loads	<p>2.1 The vehicle is manoeuvred in accordance with the regulations/permit requirements for the class of vehicle involved and the load being carried</p> <p>2.2 Vehicles carrying explosives or dangerous goods are driven along designated routes in accordance with the relevant codes, relevant government regulations and workplace policies</p> <p>2.3 The load is transported and the vehicle manoeuvred in accordance with any required precautions relating to unusual/special characteristics of the load and/or relevant government regulations pertaining to the special load including the Australian Dangerous Goods Code and the Australian Explosives Code</p> <p>2.4 Signs or indicators are fixed to the vehicle if required</p> <p>2.5 Appropriate procedures are followed for the load concerned in the event of a driving emergency</p>

Required Skills and Knowledge

REQUIRED KNOWLEDGE AND SKILLS

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

Required knowledge:

Relevant road rules, regulations, permit and licence requirements of the relevant state/territory road traffic authority

Where applicable, Australian regulations and codes of practice for the handling and transport of dangerous goods and hazardous substances, including the Australian Dangerous Goods Code and the Australian Explosives Code

Relevant OH&S and environmental procedures and regulations

Vehicle controls, instruments and indicators and their use

Workplace driving and operational instructions

Procedures to be followed in the event of a driving emergency

Engine power management and safe driving strategies

Efficient driving techniques

Pre-operational checks carried out on vehicle and related action

Differences between transmission types

Map reading and road navigation techniques

Factors which may cause traffic delays and diversions and related action that can be taken by a driver

Principles of stress management when driving a vehicle

Causes and effects of fatigue on drivers

Factors which increase fatigue-related accidents

Fatigue management strategies including on-road techniques

Lifestyles which promote the effective long-term management of fatigue

Required skills:

Communicate effectively with others when driving a vehicle designed to carry special loads

Read and interpret instructions, procedures, information and signs relevant to the driving of a vehicle designed to carry special loads

Interpret and follow operational instructions and prioritise work

Complete documentation related to the driving of a vehicle designed to carry special loads

Operate electronic communication equipment to required protocol

Work collaboratively with others when driving a vehicle designed to carry special loads

Adapt appropriately to cultural differences in the workplace, including modes of behaviour and interactions with others

Promptly report and/or rectify any identified problems, faults or malfunctions that may arise when driving a vehicle designed to carry special loads in accordance with regulatory requirements and workplace procedures

Implement contingency plans for unexpected events when driving a vehicle designed to carry special loads

Apply precautions and required action to minimise, control or eliminate hazards that may exist during the driving of a vehicle designed to carry special loads

Monitor and anticipate traffic hazards and take appropriate action

Modify activities depending on differing operational contingencies, risk situations and environments

Apply fatigue management knowledge and techniques

Work systematically with required attention to detail without injury to self or others, or damage to goods or equipment

Operate and adapt to differences in equipment in accordance with standard operating procedures

Select and use required personal protective equipment conforming to industry and OH&S standards

Monitor performance of vehicle and its equipment and load and take appropriate action if required

Service vehicle and its equipment in terms of maintenance schedule and standard operating procedures

Check and replenish fluids and carry out lubrication processes in the course of work activities

Evidence Guide

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required knowledge and skills, the range statement and the assessment guidelines for this Training Package.

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

The evidence required to demonstrate competency in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria of this unit and include demonstration of applying:

the underpinning knowledge and skills

relevant legislation and workplace procedures

other relevant aspects of the range statement

Context of and specific resources for assessment

Performance is demonstrated consistently over a period of time and in a suitable range of contexts

Resources for assessment include:

a range of relevant exercises, case studies and other simulated practical and knowledge assessment, and/or

access to an appropriate range of relevant operational situations in the workplace

In both real and simulated environments, access is required to:

relevant and appropriate materials and/or equipment, and/or

applicable documentation including workplace procedures, regulations, codes of practice and operation manuals

Method of assessment

Assessment of this unit must be undertaken by a registered training organisation

As a minimum, assessment of knowledge must be conducted through appropriate written/oral tests

Practical assessment must occur:

through appropriately simulated activities at

the registered training organisation, and/or
in an appropriate range of situations in the
workplace

Range Statement

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.

Type of vehicle includes:	all vehicles designed to carry special loads, for example concrete agitator, livestock transporter, armoured car, tanker, refrigerated vehicle, waste vehicle, fresh produce vehicle, car carrier, container carrier, recovery vehicle
Driving may be carried out in typical road transport situations, including:	operations conducted at day or night typical weather conditions on the open road on a private road while at a depot, base or warehouse while at a client's workplace or work site
Vehicle handling procedures may include:	starting a vehicle steering and manoeuvring a vehicle accelerating and braking positioning and stopping a vehicle reversing a vehicle operating vehicle controls, instruments and indicators using defensive driving techniques managing engine performance
Pre-operational checks may include:	visual check of vehicle checking and topping up of fluid levels checks of tyre pressures checks of operation of vehicle lights and indicators checks of brakes
Minor routine repairs may include:	replacement of blown globes in vehicle lights replacement of broken fan belt replacement of blown fuse

	<ul style="list-style-type: none">replacement of door mirrorsrepairs to rear tail-light lenschanging of tyresrepair of tyre puncturesreplacement of broken coolant hose
Designated routes are:	those that are determined by permit/regulatory requirements for a specific class of load such as explosives or dangerous goods
Driving hazards may include (examples only):	<ul style="list-style-type: none">wet and iced roadsoil on roadanimals and objects on roadfire in vehicleleaking fuelfaulty brakesparked vehicles on the roadfaulty steering mechanism on vehiclepedestrians crossing the roadflooded sections of roadwindy sections of roadfoggy conditions
Factors that can cause traffic delays and diversions may include (examples only):	<ul style="list-style-type: none">traffic accidentsflooded sections of roadroad damagebridge/tunnel damageroad worksbuilding constructionemergency situations such as bushfires, building fires, etcroad closures for special events such as marches, parades, etcholiday trafficroad closures for utility works such as electricity, water, sewerage, telecommunications, gas, etc.

Depending on the type of organisation concerned and the local terminology used, workplace procedures may include:

company procedures
enterprise procedures
organisational procedures
established procedures

Documentation/records may include:

state/territory driving licence requirements
state/territory road rules
workplace driving instructions and procedures for drivers of vehicles carrying the specific load concerned
vehicle manufacturers instructions, specifications and recommended driving procedures including preoperational checks of vehicle
procedures/designated routes prescribed by the relevant authority for vehicles carrying the specific loads concerned

Applicable procedures and codes may include:

relevant state/territory roads and traffic authority driving regulations and licence/permit requirements pertaining to the class of vehicle
relevant regulations/permit requirements specific to the load being carried
Australian regulations and codes of practice for the handling and transport of dangerous goods and hazardous substances, including the Australian Dangerous Goods Code and the Australian Explosives Code
relevant state/territory road rules
relevant state/territory OH&S legislation
relevant state/territory fatigue management regulations
relevant State/Territory environmental protection legislation

Unit Sector(s)

Not applicable.

Competency Field

C - Driving Vehicle