



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **TLIC107C Drive vehicle**

**Release: 1**

## **TLIC107C Drive vehicle**

### **Modification History**

Not applicable.

### **Unit Descriptor**

This unit involves the skills and knowledge required to drive commercial light vehicles and cars safely, including the systematic, safe and efficient control of all vehicle functions, monitoring of traffic and road conditions, management of vehicle condition, and performance and effective management of hazardous situations. Assessment of this unit may be undertaken within a licensing examination conducted by, or under the authority of, the relevant state/territory Road Traffic Authority.

### **Application of the Unit**

Driving must be carried out in compliance with the licence requirements and regulations of the relevant state/territory roads and traffic authority.

Driving is performed with limited or minimum supervision, and 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 across a variety of driving contexts.

### **Licensing/Regulatory Information**

Refer to Unit Descriptor

### **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
<b>1 Drive the vehicle</b>	<ul style="list-style-type: none"><li>1.1 Vehicle is started, steered, manoeuvred, positioned and stopped in accordance with traffic regulations and manufacturers instructions</li><li>1.2 Engine power is managed to ensure efficiency and performance and to minimise engine and transmission damage</li><li>1.3 Driving hazards are identified and/or anticipated and avoided or controlled through defensive driving</li><li>1.4 The vehicle is driven in reverse, maintaining visibility and achieving accurate positioning</li><li>1.5 Vehicle lights and indicators are used in accordance with traffic regulations and manufacturers instructions</li><li>1.6 The vehicle is parked, shut down and secured in accordance with manufacturers specifications, traffic regulations and workplace procedures</li><li>1.7 Appropriate procedures are followed in the event of a driving emergency</li></ul>
<b>2 Monitor traffic and road conditions</b>	<ul style="list-style-type: none"><li>2.1 The most efficient route of travel is taken through monitoring and anticipation of traffic flows and conditions, road standards and other factors likely to cause delays or route deviations</li><li>2.2 Traffic and road conditions are constantly monitored and acted upon to enable safe operation and ensure no injury to people or damage to property, equipment, loads and facilities</li></ul>
<b>3 Monitor and maintain vehicle performance</b>	<ul style="list-style-type: none"><li>3.1 Vehicle performance is maintained through pre-operational inspections and checks of the vehicle</li><li>3.2 Performance and efficiency of vehicle operation is monitored during use</li></ul>

- 3.3 Defective or irregular performance or malfunctions are reported to the appropriate authority
- 3.4 Vehicle records are maintained/updated and information is processed in accordance with workplace procedures

## **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

Relevant OH&S and environmental procedures and regulations

Vehicle controls, instruments and indicators and their use

Vehicle handling procedures

Workplace driving and operational instructions

Driving hazards and related defensive driving techniques

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 commercial vehicle

Read and interpret instructions, procedures, information and signs relevant to the driving of a commercial vehicle

Interpret and follow operational instructions and prioritise work

Complete documentation related to the driving of a commercial vehicle

Operate electronic communication equipment to required protocol

Work collaboratively with others when driving a commercial vehicle

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 commercial vehicle in accordance with regulatory requirements and workplace procedures

Implement contingency plans for unexpected events that may occur when driving a commercial vehicle

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

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

Monitor performance of vehicle and take appropriate action where required

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:	<ul style="list-style-type: none"><li>cars and vehicles equal to or less than 4.5 tonnes GVM and seating up to 12 adults, including the driver, and all types of transmission</li></ul>
Driving may be carried out in typical road transport situations, including:	<ul style="list-style-type: none"><li>operations conducted at day or night</li><li>typical weather conditions</li><li>on the open road</li><li>on a private road</li><li>while at a depot, base or warehouse</li><li>while at a client's workplace or work site</li></ul>
Vehicle handling procedures may include:	<ul style="list-style-type: none"><li>starting a vehicle</li><li>steering and manoeuvring a vehicle</li><li>accelerating and braking</li><li>positioning and stopping a vehicle</li><li>reversing a vehicle</li><li>operating vehicle controls, instruments and indicators</li><li>using defensive driving techniques</li><li>managing engine performance</li></ul>
Pre-operational checks may include:	<ul style="list-style-type: none"><li>visual check of vehicle</li><li>checking and topping up of fluid levels</li><li>checks of tyre pressures</li><li>checks of operation of vehicle lights and indicators</li><li>checks of brakes</li></ul>
Minor routine repairs may include:	<ul style="list-style-type: none"><li>replacement of blown globes in vehicle lights</li><li>replacement of broken fan belt</li><li>replacement of blown fuse</li><li>replacement of door mirrors</li></ul>

Driving hazards may include (examples only):

- repairs to rear tail-light lens
- changing of tyres
- repair of tyre punctures
- replacement of broken coolant hose
- wet and iced roads
- oil on road
- animals and objects on road
- fire in vehicle
- leaking fuel
- faulty brakes
- parked vehicles on the road
- faulty steering mechanism on vehicle
- pedestrians crossing the road
- flooded sections of road
- windy sections of road
- foggy conditions

Factors that can cause traffic delays and diversions may include (examples only):

- traffic accidents
- flooded sections of road
- road damage
- bridge/tunnel damage
- road works
- building construction
- emergency situations such as bushfires, building fires, etc.
- road closures for special events such as marches, parades, etc.
- holiday traffic
- road 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  
vehicle manufacturers instructions, specifications and recommended driving procedures including pre-operational checks of vehicle  
emergency procedures  
vehicle log book or record book (where required)

Applicable procedures and codes may include:

relevant state/territory roads and traffic authority driving regulations and licence requirements pertaining to the class of vehicle  
relevant state/territory road rules  
relevant state/territory permit regulations and requirements  
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