



**Australian Government**

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

# **TLIB707C Carry out maintenance of trailers**

**Release: 1**

## **TLIB707C Carry out maintenance of trailers**

### **Modification History**

Not applicable.

### **Unit Descriptor**

This unit involves the skills and knowledge required to carry out basic servicing and maintenance of a commercial trailer, including action to implement trailer manufacturers specifications for routine checks and maintenance, and to ensure that all specified safety requirements are met and that the trailer is operational to the requirements of both the workplace and the relevant state/territory roads and traffic authority.

### **Application of the Unit**

Work must be carried out in compliance with the regulations of the relevant roads and traffic authority.

Work is performed with limited or minimum supervision, with limited accountability and responsibility for self and others in achieving the prescribed outcomes. It involves the application of routine checking and maintenance principles and procedures to maintain a commercial trailer across a variety of operational 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 <b>Identify faults and perform routine maintenance</b>	<p>1.1 Trailer faults are identified and diagnosed in accordance with workplace procedures</p> <p>1.2 Trailer components are lubricated in accordance with manufacturers instructions and workplace procedures</p>
2 <b>Carry out repairs on trailers</b>	<p>2.1 Trailer's air/hydraulic brake system is inspected and adjusted, and any required minor maintenance or repairs carried out</p> <p>2.2 Trailer's electrical system is checked for correct operation and any required minor maintenance or repairs carried out</p> <p>2.3 Trailer's suspension and axles are inspected and identified faults repaired and/or reported in accordance with workplace procedures</p> <p>2.4 Trailer's wheels and tyres are inspected, removed, repaired and refitted, as required, in accordance with workplace policy</p>
3 <b>Complete documentation</b>	<p>3.1 Records of routine maintenance and repairs are kept in accordance with workplace procedures</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 duty of care requirements for the routine servicing and maintenance of trailers

Relevant OH&S and pollution control procedures

Procedures for the checking, and routine service and maintenance of a commercial trailer in accordance with workplace and manufacturers requirements and established safety rules and regulations

Problems that may occur during the routine servicing and maintenance of a trailer and appropriate actions and solutions

Recognition and diagnosis of faults and trailer irregularities

Basic principles of operation of systems on commercial trailers, including electrical systems, tyres, brakes and coupling systems

Basic fault finding procedures required during routine servicing and maintenance of trailers

Housekeeping standards required for routine servicing and maintenance

Procedures for the use and maintenance of the materials, tools and parts required for routine servicing and maintenance

Reporting and documentation requirements

#### **Required skills:**

Communicate effectively with others during the routine servicing and maintenance of a trailer

Read and interpret instructions, procedures, information and signs relevant to the routine servicing and maintenance of a trailer

Interpret and follow operational instructions and prioritise work

Complete documentation related to the routine servicing and maintenance of a trailer

Operate electronic communication equipment to required protocol

Work collaboratively with others during the routine servicing and maintenance of a trailer

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 be identified during the routine servicing and maintenance of a trailer in accordance with regulatory requirements and workplace procedures

Apply precautions and required action to minimise, control or eliminate hazards that may exist during work activities

Monitor work activities in terms of planned schedule

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

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

Service trailer and equipment in terms of maintenance schedule and standard operating procedures

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.

Maintenance 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>in confined spaces, exposed conditions and controlled or open environment</li><li>while in a depot, base or warehouse</li><li>while in the vehicle on the road</li><li>while at a client's workplace</li></ul>
Trailers may include:	<ul style="list-style-type: none"><li>any commercial trailers attached to vehicles used in the Australian transport industry</li></ul>
Maintenance checks may include:	<ul style="list-style-type: none"><li>routine inspections of trailer and its systems</li><li>checks prior to operations</li><li>checks on completion of operations</li><li>checks on completion of maintenance activities</li></ul>
Minor routine repairs may include:	<ul style="list-style-type: none"><li>the replacement of blown globes in trailer lights</li><li>minor repairs to couplings</li><li>repairs to rear tail-light lens</li><li>changing of tyres</li><li>repair of tyre punctures</li></ul>
Minor routine servicing may include:	<ul style="list-style-type: none"><li>topping up of water levels</li><li>lubrication of trailer components</li><li>checking of air in tyres</li><li>checking of air/hydraulic brake systems</li><li>checking of suspension and axles</li></ul>
Depending on the type of organisation concerned and the local terminology used, workplace procedures may include:	<ul style="list-style-type: none"><li>company procedures</li><li>enterprise procedures</li><li>organisational procedures</li></ul>



Information/records may include:

established procedures

workplace routine servicing and maintenance procedures, checklists and instructions

relevant state/territory roads and traffic authority trailer maintenance regulations

maintenance checklists and records

trailer manufacturers instructions, specifications and recommended procedures

precautions and procedures to be adopted to protect the environment when servicing and maintaining trailers

OH&S procedures to be followed when servicing and maintaining trailers

Applicable regulations and legislation may include:

relevant state/territory roads and traffic authority vehicle maintenance regulations and requirements

relevant state/territory OH&S legislation

relevant state/territory environmental protection legislation

## Unit Sector(s)

Not applicable.

## Competency Field

B - Equipment Checking&Maintenance