



**Australian Government**

# **AUR31820 Certificate III in Heavy Commercial Trailer Technology**

**Release 1**

# AUR31820 Certificate III in Heavy Commercial Trailer Technology

## Modification History

Release	Comments
Release 1	This version first released with AUR Automotive Retail, Service and Repair Training Package Version 6.0

## Qualification Description

This qualification reflects the role of individuals who perform a broad range of tasks on a variety of heavy commercial trailers and associated systems in the automotive retail, service and repair industry.

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

## Entry Requirements

Nil.

## Packaging Rules

**Total number of units = 28**

**11 core units**, plus

**17 elective units**, of which:

- all 17 units may be from the elective units listed below
- up to 5 units may be from a Certificate II qualification or above in this Training Package or another endorsed Training Package or accredited course.

Elective units chosen must be relevant to the work environment and the qualification, maintain the overall integrity of the AQF alignment, not duplicate the outcome of another unit chosen for the qualification, and contribute to a valid vocational outcome.

### Core Units

AURAEA002 Follow environmental and sustainability best practice in an automotive workplace

AURASA102 Follow safe working practices in an automotive workplace

AURETR009 Install vehicle lighting and wiring systems

AURETR112 Test and repair basic electrical circuits

AURETR122 Diagnose and repair vehicle dynamic control systems  
AURHTB101 Diagnose and repair heavy vehicle air braking systems  
AURHTD103 Diagnose and repair heavy commercial vehicle suspension systems  
AURHTJ103 Remove, inspect and refit heavy vehicle wheel and tyre assemblies  
AURHTY102 Diagnose and repair mechanical connections of heavy vehicles and trailers over 4.5 tonnes  
AURTTA118 Develop and carry out diagnostic test strategies  
AURTTK102 Use and maintain tools and equipment in an automotive workplace

### **Elective Units**

AUMGTY002 Install vehicle components  
AURACA101 Respond to customer needs and enquiries in an automotive workplace  
AURAF103 Communicate effectively in an automotive workplace  
AURAQA002 Inspect technical quality of work in an automotive workplace  
AURATA002 Read, interpret and apply engineering drawings  
AURETR010 Repair wiring harnesses and looms  
AURETR011 Install basic ancillary electrical systems and components  
AURHTB002 Diagnose and repair heavy vehicle hydraulic and air over hydraulic braking systems  
AURHTB107 Diagnose and repair heavy commercial vehicle electronic braking systems  
AURHTD104 Carry out heavy vehicle wheel alignment operations  
AURHTJ102 Select heavy vehicle tyres, wheels and rims for specific applications  
AURHTJ106 Remove, inspect, repair and refit heavy vehicle tyres and tubes  
AURHTR105 Diagnose and repair heavy commercial trailer electronically controlled roll stability systems  
AURHTY001 Inspect and service mechanical connections of heavy vehicles and trailers over 4.5 tonnes  
AURTTA006 Inspect and service hydraulic systems  
AURTTA011 Install hydraulic systems to specified applications  
AURTTA012 Fabricate and install fluid power hose assemblies  
AURTTA014 Assemble and install pneumatic system components  
AURTTA104 Carry out servicing operations  
AURTTA113 Diagnose and repair hydraulic systems  
AURTTB004 Inspect and service air braking systems  
AURTTB006 Inspect, service and repair auxiliary braking systems  
AURTTB015 Assemble and fit braking system components  
AURTTB101 Inspect and service braking systems  
AURTTD004 Inspect and service suspension systems  
AURTTJ011 Balance wheels and tyres  
AURVTW018 Carry out oxyacetylene welding, thermal heating and cutting  
AURVTW101 Carry out manual metal arc welding on components

AURVTW103 Carry out advanced gas metal arc welding on vehicle body sections

AURVTW109 Carry out basic gas metal arc welding

## **Qualification Mapping Information**

Supersedes and is equivalent to AUR31816 Certificate III in Heavy Commercial Trailer Technology.

## **Links**

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>