



Australian Government

AUR31820 Certificate III in Heavy Commercial Trailer Technology

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Modification History

Release	Comments
2	Updated superseded and equivalent elective units
1	This qualification was first released in AUR Automotive Retail, Service and Repair Training Package Release 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.

Licensing/Regulatory Information

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 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
- AURHTJ202 Select heavy vehicle tyres, wheels and rims
- AURHTJ206 Remove, inspect, repair and refit heavy vehicle tyres
- 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
- AURTTJ111 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

Pre-requisite Requirements

There are no prerequisites requirements for this qualification.

Qualification Mapping Information

Current Code and Title	Previous Code and Title	Comments	Equivalence
AUR31820 Certificate III in Heavy Commercial Trailer Technology	AUR31816 Certificate III in Heavy Commercial Trailer Technology		Equivalent

Links

Companion volumes, including implementation guides, are found on the national training register - <https://training.gov.au/training/details/AUR>.