Australian Government

AUR31816 Certificate III in Heavy Commercial Trailer Technology

Release 1

AUR31816 Certificate III in Heavy Commercial Trailer Technology

Modification History

Release	Comment
Release 1	New qualification.

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.

Entry Requirements

This qualification may be accessed by direct entry.

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

Auto Skills Australia

Packaging Rules

Total number of units = 28
12 core units, plus
16 elective units, of which:

- up to **16** units may be chosen from the Elective Units listed below
- up to **5** units may be chosen from a Certificate II qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

Core Units

Unit code	Unit title
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURASA002	Follow safe working practices in an automotive workplace
AURETR009	Install vehicle lighting and wiring systems
AURETR012	Test and repair basic electrical circuits
AURETR022	Diagnose and repair vehicle dynamic control systems
AURHTB001	Diagnose and repair heavy vehicle air braking systems
AURHTD003	Diagnose and repair heavy commercial vehicle suspension systems
AURHTJ003	Remove, inspect and refit heavy vehicle wheel and tyre assemblies
AURHTY002	Diagnose and repair mechanical connections of heavy vehicles and trailers over 4.5 tonnes
AURTTA006	Inspect and service hydraulic systems
AURTTA018	Carry out diagnostic procedures
AURTTK002	Use and maintain tools and equipment in an automotive workplace

Elective Units

Unit code	Unit title
AURACA001	Respond to customer needs and enquiries in an automotive

Auto Skills Australia

Unit code	Unit title
	workplace
AURAFA003	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
AURHTB007	Diagnose and repair heavy commercial vehicle electronic braking systems
AURHTD004	Carry out heavy vehicle wheel alignment operations
AURHTJ002	Select heavy vehicle tyres, wheels and rims for specific applications
AURHTJ006	Remove, inspect, repair and refit heavy vehicle tyres and tubes
AURHTR005	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
AURTTA004	Carry out servicing operations
AURTTA011	Install hydraulic systems to specified applications
AURTTA012	Fabricate and install fluid power hose assemblies
AURTTA013	Diagnose and repair hydraulic systems
AURTTA014	Assemble and install pneumatic system components
AURTTB001	Inspect and service braking systems
AURTTB004	Inspect and service air braking systems
AURTTB005	Assemble and fit braking system components
AURTTB006	Inspect, service and repair auxiliary braking systems

Unit code	Unit title
AURTTD004	Inspect and service suspension systems
AURTTJ001	Balance wheels and tyres
AURVTW001	Carry out manual metal arc welding on components
AURVTW003	Carry out advanced gas metal arc welding on vehicle body sections
AURVTW008	Carry out oxyacetylene welding, thermal heating and cutting
AURVTW009	Carry out basic gas metal arc welding
AUMGTY002	Install vehicle components

Qualification Mapping Information

Equivalent to AUR31812 Certificate III in Heavy Commercial Trailer Technology

Links

Implementation Guide -
http://companion_volumes.vetnet.education.gov.au/Pages/TrainingPackage.aspx?pid=2