



Australian Government

AUR31416 Certificate III in Automotive Diesel Fuel Technology

Release: 2

AUR31416 Certificate III in Automotive Diesel Fuel Technology

Modification History

Release	Comment
Release 2	Updates to elective bank.
Release 1	New qualification.

Qualification Description

This qualification reflects the role of individuals who perform a broad range of tasks on a variety of diesel fuel 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.

Packaging Rules

Total number of units = 21

13 core units, plus

8 elective units, of which:

- up to **8** units may be chosen from the Elective Units listed below
- up to **4** 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

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	automotive workplace
AURASA002	Follow safe working practices in an automotive workplace
AURETR012	Test and repair basic electrical circuits
AURETR024	Diagnose and repair compression ignition engine management systems
AURHTF002	Diagnose and repair heavy vehicle diesel fuel injection systems
AURHTZ001	Diagnose and repair heavy vehicle emission control systems
AURTTA018	Carry out diagnostic procedures
AURTTE004	Inspect and service engines
AURTTF002	Inspect and service diesel fuel injection systems
AURTTF003	Overhaul diesel fuel injection system components
AURTTF005	Diagnose and repair engine forced-induction systems
AURTTK001	Use and maintain measuring equipment in an automotive workplace
AURTTK002	Use and maintain tools and equipment in an automotive workplace

Elective Units

Unit code	Unit title
AURAF003	Communicate effectively in an automotive workplace
AURAMA001	Work effectively with others in an automotive workplace
AURHTE001	Remove and install heavy vehicle engine assemblies
AURHTE002	Diagnose and repair heavy vehicle compression ignition engines
AURLTF002	Diagnose and repair light vehicle diesel fuel injection systems
AURTTA004	Carry out servicing operations
AURTTA006	Inspect and service hydraulic systems
AURTTA011	Install hydraulic systems to specified applications

Unit code	Unit title
AURTTA012	Fabricate and install fluid power hose assemblies
AURTTA013	Diagnose and repair hydraulic systems
AURTTC003	Diagnose and repair cooling systems
AURTTZ002	Diagnose and repair exhaust systems
AURVTW001	Carry out manual metal arc welding on components
AURVTW003	Carry out advanced gas metal arc welding on vehicle body sections
AURVTW004	Carry out tungsten inert gas welding
AURVTW009	Carry out basic gas metal arc welding
AURVTW018	Carry out oxyacetylene welding, thermal heating and cutting

Qualification Mapping Information

Equivalent to AUR31412 Certificate III in Automotive Diesel Fuel Technology

Links

Companion Volume Implementation Guides are found in VETNet -

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