AUR31416 Certificate III in Automotive Diesel Fuel Technology

# Modification History

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| --- | --- |
| 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 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 |
| --- | --- |
| AURAFA003 | 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 |
| 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>