



**Australian Government**

# **AUR31420 Certificate III in Automotive Diesel Fuel Technology**

**Release 1**

# AUR31420 Certificate III in Automotive Diesel Fuel 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 diesel fuel 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 = 21**

**13 core units**, plus

**8 elective units**, of which:

- all **8 units** may be from the elective units listed below
- up to **4 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

AURETR112 Test and repair basic electrical circuits

AURETR124 Diagnose and repair compression ignition engine management systems

AURHTF102 Diagnose and repair heavy vehicle diesel fuel injection systems

AURHTZ101 Diagnose and repair heavy vehicle emission control systems

AURTTA118 Develop and carry out diagnostic test strategies  
AURTTE104 Inspect and service engines  
AURTTTF003 Overhaul diesel fuel injection system components  
AURTTTF102 Inspect and service diesel fuel injection systems  
AURTTTF105 Diagnose and repair engine forced-induction systems  
AURTTTK001 Use and maintain measuring equipment in an automotive workplace  
AURTTTK102 Use and maintain tools and equipment in an automotive workplace

### **Elective Units**

AURAF103 Communicate effectively in an automotive workplace  
AURAMA001 Work effectively with others in an automotive workplace  
AURHTE001 Remove and install heavy vehicle engine assemblies  
AURHTE102 Diagnose and repair heavy vehicle compression ignition engines  
AURLTF102 Diagnose and repair light vehicle diesel fuel injection systems  
AURTTA006 Inspect and service hydraulic systems  
AURTTA011 Install hydraulic systems to specified applications  
AURTTA012 Fabricate and install fluid power hose assemblies  
AURTTA104 Carry out servicing operations  
AURTTA113 Diagnose and repair hydraulic systems  
AURTTTC103 Diagnose and repair cooling systems  
AURTTZ102 Diagnose and repair exhaust systems  
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  
AURVTW104 Carry out tungsten inert gas welding  
AURVTW109 Carry out basic gas metal arc welding

## **Qualification Mapping Information**

Supersedes and is equivalent to AUR31416 Certificate III in Automotive Diesel Fuel Technology.

## **Links**

Companion Volume Implementation Guide is found on VETNet -  
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>