



**Australian Government**

# **AUR21220 Certificate II in Automotive Underbody Technology**

**Release 1**

## AUR21220 Certificate II in Automotive Underbody 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 limited range of tasks on the underbody systems of a variety of vehicles 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 = 14**

**4 core units**, plus

**10 elective units**, of which:

- all **4** units in one of the Specialist Elective Groups A to C must be chosen
- of the remaining **6** units required to make up the elective unit total:
  - all **6** may be from the general elective units listed below
  - up to **3** may be from a Certificate I 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.

### Specialisations:

Where relevant, specialisations can be used for this qualification in:

- General Underbody Repair
- Exhaust Repair

- Radiator and Cooling System Repair

The achievement of a specialisation will be identified on testamurs as follows:

- AUR21220 Certificate II in Automotive Underbody Technology (General Underbody Repair)
- AUR21220 Certificate II in Automotive Underbody Technology (Exhaust Repair)
- AUR21220 Certificate II in Automotive Underbody Technology (Radiator and Cooling System Repair)

#### *General Underbody Repair specialisation*

Select all 4 units in Specialist Elective Group A.

#### *Exhaust Repair specialisation*

Select all 4 units in Specialist Elective Group B.

#### *Radiator and Cooling System Repair specialisation*

Select all 4 units in Specialist Elective Group C.

### **Core Units**

AURAEA002 Follow environmental and sustainability best practice in an automotive workplace

AURASA102 Follow safe working practices in an automotive workplace

AURATA001 Identify basic automotive faults using troubleshooting processes

AURTTK102 Use and maintain tools and equipment in an automotive workplace

### **Specialist Elective Units**

#### ***Group A: Underbody Repair***

AURTTB101 Inspect and service braking systems

AURTTD002 Inspect and service steering systems

AURTTD004 Inspect and service suspension systems

AURTTZ102 Diagnose and repair exhaust systems

#### ***Group B: Exhaust Repair***

AURTTA104 Carry out servicing operations

AURTTTS101 Fabricate exhaust systems and components

AURTTZ102 Diagnose and repair exhaust systems

AURVTW109 Carry out basic gas metal arc welding

#### ***Group C: Radiator and Cooling System Repair***

AUR TTC001 Inspect and service cooling systems

AURTTTC002 Repair radiators

AURTTTW001 Carry out soft soldering techniques

AURVTW006 Carry out thermoplastic welding on vehicle trim components

### **General Elective Units**

AURACA101 Respond to customer needs and enquiries in an automotive workplace

AURAF001 Use numbers in an automotive workplace

AURAF002 Read and respond to automotive workplace information

AURAF003 Communicate effectively in an automotive workplace

AURAF004 Resolve routine problems in an automotive workplace

AURAMA001 Work effectively with others in an automotive workplace

AURQA001 Contribute to quality work outcomes in an automotive workplace

AURETR112 Test and repair basic electrical circuits

AURLTJ102 Remove, inspect, repair and refit light vehicle tyres and tubes

AURLTJ113 Remove, inspect and refit light vehicle wheel and tyre assemblies

AURTTA009 Carry out mechanical pre-repair operations

AURTTA104 Carry out servicing operations

AURTTB013 Machine brake drums and brake disc rotors

AURTTTC103 Diagnose and repair cooling systems

AURTTTE104 Inspect and service engines

AURTTTQ001 Inspect and service final drive assemblies

AURTTTQ103 Inspect and service drive shafts

AURTTTS101 Fabricate exhaust systems and components

AURTTTX102 Inspect and service manual transmissions

AURTTTX103 Inspect and service automatic transmissions

AURTTTZ001 Inspect and service exhaust systems

AURVTW018 Carry out oxyacetylene welding, thermal heating and cutting

AURVTW109 Carry out basic gas metal arc welding

### **Qualification Mapping Information**

Supersedes and is equivalent to AUR21216 Certificate II in Automotive Underbody Technology.

Supersedes and is not equivalent to AUR21416 Certificate II in Automotive Cooling System Technology.

Supersedes and is not equivalent to AUR21716 Certificate II in Automotive Exhaust System Technology.

## Links

Companion Volume Implementation Guide is found on VETNet -

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