



**Australian Government**

# **AUR21512 Certificate II in Automotive Cylinder Head Reconditioning**

**Release: 1**

## AUR21512 Certificate II in Automotive Cylinder Head Reconditioning

### Modification History

Release	Comment
Release 1	Replaces AUR20705 Certificate II in Automotive Mechanical

## Description

This qualification covers the skills and knowledge required to perform a range of tasks related to servicing and repairing engine cylinder heads of cars and heavy vehicles within an automotive service and repair business.

### Job roles and employment outcomes

The Certificate II in Automotive Cylinder Head Reconditioning is intended to prepare new employees or recognise and develop existing workers who are performing servicing and repair of cylinder heads of vehicles in an automotive service or repair business.

Job roles related to this qualification include:

- automotive engine cylinder head repair specialists
- automotive engine reconditioners

### Application

This qualification is typically used to develop employees or recognise and develop existing workers who are performing vehicle service and repair functions in an automotive environment.

They would be expected to perform a range of mechanical operations involving known routines, methods and procedures and take some accountability for the quality of outcomes. This qualification is suitable for an Australian Apprenticeship pathway.

## Pathways Information

### Pathways into the qualification

Credit may be granted towards this qualification by those who have completed AUR10112 Certificate I in Automotive Vocational Preparation or other relevant qualifications.

### Pathways from the qualification

Further training pathways from this qualification include AUR31312 Certificate III in Automotive Engine Reconditioning, AUR30612 Certificate III in Light Vehicle Mechanical Technology or other relevant qualifications.

## Licensing/Regulatory Information

There are no specific licences that relate to this qualification. However, some units in this qualification may have licensing or regulatory requirements, depending on the work context. Local regulations should be checked for details.

## Entry Requirements

This qualification may be accessed by direct entry.

## Packaging Rules

To be awarded this qualification, competency must be demonstrated in **14 units** of competency, consisting of:

- **7 core units**

plus

- **7 elective units**, of which:
  - up to 7 elective units may be chosen from the elective units list below
  - up to 3 elective units may be drawn from a Certificate I qualification or above in this Training Package, 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 selected for this qualification.

### Core units

Unit code	Unit title
<b>Common - Environment</b>	
AURAEA2002	Apply environmental and sustainability best practice in an automotive workplace
<b>Common - Health and Safety</b>	
AURASA2002	Apply safe working practices in an automotive workplace
<b>Common - Technical</b>	
AURATA2001	Identify basic automotive faults using troubleshooting processes
<b>Mechanical Miscellaneous - Technical</b>	
AURTTA2009	Carry out pre-repair operations (mechanical)
<b>Mechanical Miscellaneous - Technical - Tools and Equipment</b>	
AURTTK2001	Use and maintain measuring equipment in an automotive workplace
AURTTK2002	Use and maintain workplace tools and equipment
<b>Mechanical Miscellaneous - Technical - Manufacture</b>	
AURTTM3011	Recondition engine cylinder heads

### Elective units

Unit Code	Unit Title
<b>Common - Sales and Marketing</b>	
AURACA2001	Establish relations with customers
<b>Common - Foundation Skills</b>	
AURAF2001	Use numbers in an automotive workplace
AURAF2002	Read in an automotive workplace
AURAF2003	Communicate effectively in an automotive workplace
<b>Mechanical Miscellaneous - Technical</b>	
AURTTA2004	Carry out servicing operations
<b>Mechanical Miscellaneous - Technical - Cooling Systems</b>	
AURTTC2001	Inspect and service cooling systems
<b>Mechanical Miscellaneous - Technical - Engines</b>	
AURTTE2004	Inspect and service engines
<b>Mechanical Miscellaneous - Technical - Welding, Grinding, Machining and Soldering</b>	
AURTTW3003	Carry out machining operations
<b>Vehicle Body - Technical - Welding, Grinding, Machining and Soldering</b>	
AURVTW2003	Carry out gas metal arc welding procedures
AURVTW2004	Carry out gas tungsten arc welding procedures
AURVTW2008	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures

## Custom Content Section

Not applicable.