



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.

Employability Skills Summary

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

The following table contains a summary of the employability skills as identified by the automotive industry for this qualification. The employability skills facets described here are broad industry requirements that may vary depending on qualification packaging options.

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	• Understanding and carrying out verbal instructions from supervisors and others • Reading, understanding and completing workplace documentation, forms and records • Sharing work-related information with other team members using industry terminology • Communicating with people from a range of social, cultural and ethnic backgrounds
Teamwork	• Contributing positively to the work team environment • Working effectively with others in a socially diverse environment • Respecting and understanding the views of others • Giving, receiving and acting upon feedback • Identifying and describing own role and role of others
Problem solving	• Recognising a problem or a potential problem within a vehicle component/system servicing environment • Seeking information and assistance to solve problems outside own area of responsibility • Solving problems within own area of responsibility
Initiative and enterprise	• Suggesting ideas for workplace improvement to supervisors and team members • Positively adapting to changes in workplace procedures and making adjustments to improve own performance • Taking positive action to report hazards or risk situations to supervisors
Planning and organising	• Planning daily work tasks to work safely and manage risks according to workplace procedures • Prioritising activities to achieve required outcomes • Planning and organising appropriate equipment and materials • Planning ahead to anticipate problems with availability of equipment, materials and personnel to assist
Self-management	• Following workplace safety requirements and other policies and procedures • Completing known delegated tasks on time • Selecting and using appropriate equipment, materials, processes

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

The following table contains a summary of the employability skills as identified by the automotive industry for this qualification. The employability skills facets described here are broad industry requirements that may vary depending on qualification packaging options.

Employability Skill	Industry/enterprise requirements for this qualification include:
	and procedures • Asking for advice and assistance when appropriate
Learning	• Identifying personal strengths and weaknesses • Acting upon feedback and accepting opportunities to learn to improve work performance • Asking questions to gain information and identify sources of information to expand knowledge and understanding
Technology	• Appropriately selecting and using tools and equipment • Recognising and reporting faulty equipment • Using information and communication technology

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

Elective units

Unit Code	Unit Title
Common - Sales and Marketing	
AURACA2001	Establish relations with customers
Common - Foundation Skills	
AURAF2001	Use numbers in an automotive workplace
AURAF2002	Read in an automotive workplace
AURAF2003	Communicate effectively in an automotive workplace
Mechanical Miscellaneous - Technical	
AURTTA2004	Carry out servicing operations
Mechanical Miscellaneous - Technical - Cooling Systems	
AURTTC2001	Inspect and service cooling systems
Mechanical Miscellaneous - Technical - Engines	
AURTTE2004	Inspect and service engines
Mechanical Miscellaneous - Technical - Welding, Grinding, Machining and Soldering	
AURTTW3003	Carry out machining operations
Vehicle Body - Technical - Welding, Grinding, Machining and Soldering	
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.