



Australian Government

AUR30712 Certificate III in Outdoor Power Equipment Technology

Release: 1

AUR30712 Certificate III in Outdoor Power Equipment Technology

Modification History

Release	Comment
Release 1	Replaces AUR30711 Certificate III in Outdoor Power Equipment

Description

This qualification covers the skills and knowledge required to perform a range of service and repair tasks on outdoor power equipment. It is suitable for entry into the outdoor power equipment mechanical service and repair industry.

Job roles and employment outcomes

The Certificate III in Outdoor Power Equipment Technology is intended to prepare new employees or recognise and develop existing workers performing service and repair roles in the outdoor power equipment mechanical service and repair industry.

Job outcomes targeted by this qualification include:

- outdoor power equipment technicians
- repair technicians.

The work may also include tasks related to the operation of the business and/or the supervision of others

Application

This qualification is suitable for an Australian Apprenticeship pathway.

Pathways Information

Pathways into the qualification

Credit will be granted towards this qualification to those who have completed AUR20812 Certificate II in Outdoor Power Equipment Technology in this Training Package, or other relevant qualifications.

Pathways from the qualification

Further training pathways from this qualification include AUR40112 Certificate IV in Automotive Management, AUR40212 Certificate IV in Automotive Mechanical Diagnosis, AUR40812 Certificate IV in Automotive Mechanical Overhauling 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	
<p>The following table contains a summary of the employability skills as identified by the outdoor power equipment industry for this qualification. The employability skills facets described here are broad industry requirements that may vary depending on qualification packaging options.</p>	
Employability Skill	Industry/enterprise requirements for this qualification
Communication	<ul style="list-style-type: none"> • clearly communicating workplace information and ideas with workplace colleagues (verbal and non-verbal), including use of automotive terms • completing workplace reports • using and contributing to workplace procedures • maintaining workplace records • communicating with colleagues and clients to handle verbal enquiries, such as clarifying instructions, and responding to requests for information • communicating with people who speak languages other than English and in a cross-cultural context • interpreting the needs of customers • reading and interpreting workplace-related documentation
Teamwork	<ul style="list-style-type: none"> • identifying and describing own role and role of others • working within a team • working with diverse individuals and groups • applying knowledge of own role to complete activities efficiently to support team activities and tasks
Problem solving	<ul style="list-style-type: none"> • recognising a workplace problem or a potential problem and taking appropriate action • determining problems needing priority action • referring problems outside area of responsibility to appropriate person and suggesting possible causes • seeking information and assistance, as required, to solve problems • using a range of problem-solving techniques • taking action to resolve concerns • developing practical responses to common breakdowns in workplace systems and procedures
Initiative and enterprise	<ul style="list-style-type: none"> • adapting to new and emerging situations in the workplace • being proactive and creative in responding to workplace problems, changes and challenges
Planning and	<ul style="list-style-type: none"> • planning own work requirements and prioritising actions to achieve required outcomes and ensure tasks are completed on

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organising	<ul style="list-style-type: none"> time • identifying risk factors and taking action to minimise risk
Self-management	<ul style="list-style-type: none"> • selecting and using appropriate equipment, materials, processes and procedures • recognising limitations and seeking timely advice • planning own work requirements, setting own work program and managing time to ensure tasks are completed on time • following workplace documentation, such as codes of practice or operating procedures
Learning	<ul style="list-style-type: none"> • asking questions to gain information • identifying sources of information, assistance and expert knowledge to expand knowledge, skills and understanding • participating in self-improvement activities • participating in development of workplace continuous improvement strategies • helping others develop competency
Technology	<ul style="list-style-type: none"> • operating and adjusting outdoor power equipment components, systems or equipment • setting up equipment and work area • selecting and using appropriate tools, equipment and materials • operating diagnostic and test equipment • applying knowledge of operating principles of components and systems • using business technology to collect, analyse and provide information

Packaging Rules

To be awarded this qualification, competency must be demonstrated in **36 units** of competency, consisting of:

- **18 core units**

plus

- **18 elective units**, of which:

- up to **18** elective units may be chosen from the elective units listed below
- up to **6** elective 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
Common - Environment	
AURAEA3003	Monitor environmental and sustainability best practice in the automotive mechanical industry
Common - Health and Safety	
AURASA2002	Apply safe working practices in an automotive workplace
Outdoor Power Equipment - Technical	
AURPTA2003	Service and repair rotary cutting systems
AURPTA2004	Service and repair drum cutting systems
AURPTA2005	Service and repair chainsaw cutting systems
AURPTA2006	Service line trimming systems and components
AURPTA2007	Service and repair post-boring systems
AURPTA2008	Service and repair post-hole digging systems
AURPTA2009	Service and repair reciprocating cutting systems
AURPTA2010	Service pumping systems
AURPTA3011	Repair pumping systems
Outdoor Power Equipment - Technical - Engines	

Unit code	Unit title
AURPTE2002	Service engines and engine components (outdoor power equipment)
AURPTE3003	Repair engines and engine components (outdoor power equipment)
AURPTE4004	Overhaul engines and engine components (outdoor power equipment)
Outdoor Power Equipment - Technical - Electrical and Electronic	
AURPTR2002	Test and service outdoor electric powered equipment
AURPTR3001	Test and service 240V portable generators
Mechanical Miscellaneous - Technical	
AURTTA3018	Carry out diagnostic procedures
Mechanical Miscellaneous - Technical - Tools and Equipment	
AURTTK2002	Use and maintain workplace tools and equipment

Elective units

Unit code	Unit title
Common - Sales and Marketing	
AURACA3002	Establish customer requirements of a complex nature
AURACA3003	Build customer relations
Common - Foundation Skills	
AURAF2003	Communicate effectively in an automotive workplace
Common - Management, Leadership and Supervision	
AURAMA2001	Work effectively with others
AURAMA2002	Communicate business information
Common - Technical	
AURATA2001	Identify basic automotive faults using troubleshooting processes
Electrical - Technical - Tools and Equipment	

Unit code	Unit title
AURETK2002	Use and maintain automotive electrical test equipment
Electrical - Technical - Electrical and Electronic	
AURETR2006	Carry out soldering of electrical wiring and circuits
AURETR2009	Install, test and repair vehicle lighting and wiring systems
AURETR2012	Test and repair basic electrical circuits
AURETR2015	Inspect and service batteries
AURETR3023	Diagnose and repair electronic spark ignition engine management systems
AURETR3025	Test, charge and replace batteries
AURETR3026	Remove, replace and program electrical and electronic units and assemblies
AURETR3029	Diagnose and repair charging systems
AURETR3030	Diagnose and repair starting systems
AURETR3031	Diagnose and repair ignition systems
AURETR3032	Repair electrical systems
Mechanical - Heavy Vehicle - Technical - Transmission	
AURHTX3004	Diagnose and repair heavy vehicle clutch systems
Mechanical - Mobile Plant - Technical	
AURKTA3005	Inspect, service and repair tracked type drive and support systems
Mechanical - Light Vehicle - Technical - Steering and Suspensions	
AURLTD3004	Repair steering systems (light vehicle)
Mechanical - Light Vehicle - Technical - Engine	
AURLTE3002	Repair engines and associated engine components (light vehicle)
Mechanical - Light Vehicle - Technical - Wheels and Tyres	
AURLTJ2002	Remove, inspect, repair and fit tyres and tubes (light)
Mechanical - Light Vehicle - Technical - Transmission	

Unit code	Unit title
AURLTX3001	Repair transmissions - manual (light vehicle)
Mechanical - Light Vehicle - Technical - Emission and Exhaust	
AURLTZ3001	Diagnose and repair light vehicle emission control systems
Mechanical Miscellaneous - Technical	
AURTTA2006	Service hydraulic systems
AURTTA3013	Repair hydraulic systems
AURTTA4021	Carry out diagnosis of complex system faults
Mechanical Miscellaneous - Technical - Brakes	
AURTTB2001	Inspect and service braking systems
AURTTB3006	Inspect, service and repair auxiliary braking systems
Mechanical Miscellaneous - Technical - Cooling Systems	
AURTTTC2001	Inspect and service cooling systems
AURTTTC3003	Diagnose and repair cooling systems
Mechanical Miscellaneous - Technical - Steering and Suspension	
AURTTD2002	Inspect and service steering systems
AURTTD2003	Inspect suspension systems
AURTTD2004	Inspect and service suspension systems
Mechanical Miscellaneous - Technical - Engines	
AURTTE2004	Inspect and service engines
Mechanical Miscellaneous - Technical - Fuel Systems	
AURTTTF3004	Repair diesel fuel injection systems
AURTTTF3005	Inspect and repair engine forced induction systems
AURTTTF3006	Diagnose and repair petrol carburettor systems
Mechanical Miscellaneous - Technical - Wheels and Tyres	

Unit code	Unit title
AURTTJ2002	Remove and refit wheel hubs and associated brake components
Mechanical Miscellaneous - Technical - Tools and Equipment	
AURTTK2001	Use and maintain measuring equipment in an automotive workplace
Mechanical Miscellaneous - Technical - Driveline and Final Drives	
AURTTQ2001	Service final drive assemblies
Mechanical Miscellaneous - Technical - Transmission	
AURTTX2004	Service transmissions (hydrostatic)
AURTTX3006	Repair transmissions (hydrostatic)
Mechanical Miscellaneous - Technical - Emission and Exhaust	
AURTTZ2002	Repair exhaust system components
Vehicle Body - Technical - Welding, Grinding, Machining and Soldering	
AURVTW2001	Carry out manual metal arc welding procedures
AURVTW2002	Carry out brazing procedures
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
Imported Units	
MEM18002B	Use power tools/hand held operations
TLID1001A	Shift materials safely using manual handling methods
TLID2004A	Load and unload goods/cargo
TLID2013A	Move materials mechanically using automated equipment

Custom Content Section

Not applicable.