



**Australian Government**

# **AUR30713 Certificate III in Outdoor Power Equipment Technology**

**Release: 1**

# **AUR30713 Certificate III in Outdoor Power Equipment Technology**

## **Modification History**

Not applicable.

## **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 prepares new employees, and develops existing workers, to perform service and repair roles in the outdoor power equipment mechanical service and repair industry.

Job roles related to this qualification include:

- outdoor power equipment technicians
- repair technicians.

The work may also include tasks related to operating a business and/or supervising 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, and other relevant qualifications.

## Licensing/Regulatory Information

### *Licensing considerations*

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 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.

| Employability Skill  | Industry/enterprise requirements for this qualification  |
|----------------------|--|
| <b>Communication</b> | <ul style="list-style-type: none"><li>clearly communicating workplace information and ideas with workplace colleagues (verbal and non-verbal), including use of automotive terms</li><li>completing workplace reports</li><li>using and contributing to workplace procedures</li><li>maintaining workplace records</li><li>communicating with colleagues and clients to handle verbal enquiries, such as clarifying instructions and responding to requests for information</li><li>communicating with people who speak languages other than English and in a cross-cultural context</li></ul> |

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|----------------------------------|--|
|                                  | <ul style="list-style-type: none"> <li>interpreting the needs of customers</li> <li>reading and interpreting workplace-related documentation</li> </ul>  |
| <b>Teamwork</b>                  | <ul style="list-style-type: none"> <li>identifying and describing own role and role of others</li> <li>working in a team</li> <li>working with diverse individuals and groups</li> <li>applying knowledge of own role to complete activities efficiently to support team activities and tasks</li> </ul>   |
| <b>Problem solving</b>           | <ul style="list-style-type: none"> <li>recognising a workplace problem or potential problem and taking appropriate action</li> <li>determining problems that need priority action</li> <li>referring problems outside area of responsibility to appropriate person and suggesting possible causes</li> <li>seeking information and assistance, as required, to solve problems</li> <li>using a range of problem-solving techniques</li> <li>developing practical responses to common breakdowns in workplace systems and procedures</li> </ul> |
| <b>Initiative and enterprise</b> | <ul style="list-style-type: none"> <li>adapting to new and emerging situations in the workplace</li> <li>being proactive and creative in responding to workplace problems, changes and challenges</li> </ul>   |
| <b>Planning and organising</b>   | <ul style="list-style-type: none"> <li>planning own work requirements and prioritising actions to achieve required outcomes and ensure tasks are completed on time</li> <li>identifying risk factors and taking action to minimise them</li> </ul>   |
| <b>Self-management</b>           | <ul style="list-style-type: none"> <li>selecting and using appropriate equipment, materials, processes and procedures</li> <li>recognising limitations and seeking timely advice</li> <li>planning own work requirements, setting own work program, and managing time to ensure tasks are completed on time</li> <li>following workplace documentation, such as codes of practice and operating procedures</li> </ul>  |
| <b>Learning</b>                  | <ul style="list-style-type: none"> <li>asking questions to gain information</li> <li>identifying sources of information, assistance and expert knowledge to expand knowledge, skills and understanding</li> <li>participating in self-improvement activities</li> <li>participating in development of workplace continuous</li> </ul>  |

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|---------------------|---|
|                     | improvement strategies <ul style="list-style-type: none"> <li>helping others develop competency</li> </ul>  |
| <b>Technology</b>   | <ul style="list-style-type: none"> <li>operating and adjusting outdoor power equipment components, systems and equipment</li> <li>setting up equipment and work area</li> <li>selecting and using appropriate tools, equipment and materials</li> <li>operating diagnostic and test equipment</li> <li>applying knowledge of operating principles of components and systems</li> <li>using business technology to collect, analyse and provide information</li> </ul> |

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**Packaging Rules****Packaging Rules**

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

- **15 core units**
- **21 elective units**, of which:
  - **up to 21 units may be chosen from the elective units listed below**
  - **up to 6 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   |
|-----------------------------------|--|
| <b>Common - Environment</b>       |  |
| AURAEA3003                        | Monitor environmental and sustainability best practice in the automotive mechanical industry |
| <b>Common - Health and Safety</b> |  |

| Unit code   | Unit title   |
|---|--|
| AURASA2002  | Apply safe working practices in an automotive workplace          |
| <b>Outdoor Power Equipment - Technical</b>                        |  |
| AURPTA2003  | Service and repair rotary 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   |
| <b>Outdoor Power Equipment - Technical - Engines</b>              |  |
| 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) |
| <b>Mechanical Miscellaneous - Technical</b>                       |  |
| AURTTA3018  | Carry out diagnostic procedures                                  |
| <b>Mechanical Miscellaneous - Technical - Tools and Equipment</b> |  |
| AURTTK2002  | Use and maintain workplace tools and equipment                   |
| <b>Elective units</b>   |  |
| Unit code   | Unit title   |
| <b>Common - Sales and Marketing</b>                               |  |
| AURACA3002  | Establish customer requirements of a complex nature              |
| AURACA3003  | Build customer relations   |
| <b>Common - Foundation Skills</b>                                 |  |

| Unit code  | Unit title   |
|--|--|
| AURAF2003  | Communicate effectively in an automotive workplace                         |
| <b>Common - Management, Leadership and Supervision</b>       |  |
| AURAMA2001   | Work effectively with others   |
| AURAMA2002   | Communicate business information   |
| <b>Common - Technical</b>                                    |  |
| AURATA2001   | Identify basic automotive faults using troubleshooting processes           |
| <b>Electrical - Technical - Tools and Equipment</b>          |  |
| AURETK2002   | Use and maintain automotive electrical test equipment                      |
| <b>Electrical - Technical - Electrical and Electronic</b>    |  |
| 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  |
| <b>Mechanical - Heavy Vehicle - Technical - Transmission</b> |  |
| AURHTX3004   | Diagnose and repair heavy vehicle clutch systems                           |
| <b>Mechanical - Mobile Plant - Technical</b>                 |  |

| Unit code  | Unit title   |
|--|--|
| AURKTA3005   | Inspect, service and repair tracked type drive and support systems |
| <b>Mechanical - Light Vehicle - Technical - Steering and Suspensions</b> |  |
| AURLTD3004   | Repair steering systems (light vehicle)                            |
| <b>Mechanical - Light Vehicle - Technical - Engine</b>                   |  |
| AURLTE3002   | Repair engines and associated engine components (light vehicle)    |
| <b>Mechanical - Light Vehicle - Technical - Wheels and Tyres</b>         |  |
| AURLTJ2002   | Remove, inspect, repair and fit tyres and tubes (light)            |
| <b>Mechanical - Light Vehicle - Technical - Transmission</b>             |  |
| AURLTX3001   | Repair transmissions - manual (light vehicle)                      |
| <b>Mechanical - Light Vehicle - Technical – Emission and Exhaust</b>     |  |
| AURLTZ3001   | Diagnose and repair light vehicle emission control systems         |
| <b>Outdoor Power Equipment - Technical</b>                               |  |
| AURPTA2004   | Service and repair drum cutting systems                            |
| <b>Outdoor Power Equipment - Technical - Electrical and Electronic</b>   |  |
| AURPTR2002   | Test and service outdoor electric powered equipment                |
| AURPTR3001   | Test and service 240V portable generators                          |
| <b>Mechanical Miscellaneous - Technical</b>                              |  |
| AURTTA2006   | Service hydraulic systems  |
| AURTTA3013   | Repair hydraulic systems   |
| AURTTA4021   | Carry out diagnosis of complex system faults                       |
| <b>Mechanical Miscellaneous - Technical - Brakes</b>                     |  |
| AURTTB2001   | Inspect and service braking systems                                |
| <b>Mechanical Miscellaneous - Technical - Cooling Systems</b>            |  |
| AURTTC2001   | Inspect and service cooling systems                                |



| Unit code  | Unit title  |
|--|---|
| AURTTC3003   | Diagnose and repair cooling systems                             |
| <b>Mechanical Miscellaneous - Technical - Steering and Suspension</b>        |   |
| AURTTD2002   | Inspect and service steering systems                            |
| AURTTD2003   | Inspect suspension systems                                      |
| AURTTD2004   | Inspect and service suspension systems                          |
| <b>Mechanical Miscellaneous - Technical - Engines</b>                        |   |
| AURTTE2004   | Inspect and service engines                                     |
| <b>Mechanical Miscellaneous - Technical - Fuel Systems</b>                   |   |
| AURTTF3004   | Repair diesel fuel injection systems                            |
| AURTTF3005   | Inspect and repair engine forced induction systems              |
| AURTTF3006   | Diagnose and repair petrol carburettor systems                  |
| <b>Mechanical Miscellaneous - Technical - Wheels and Tyres</b>               |   |
| AURTTJ2002   | Remove and refit wheel hubs and associated brake components     |
| <b>Mechanical Miscellaneous - Technical - Tools and Equipment</b>            |   |
| AURTTK2001   | Use and maintain measuring equipment in an automotive workplace |
| <b>Mechanical Miscellaneous - Technical - Driveline and Final Drives</b>     |   |
| AURTTQ2001   | Service final drive assemblies                                  |
| <b>Mechanical Miscellaneous - Technical - Transmission</b>                   |   |
| AURTTX2004   | Service transmissions (hydrostatic)                             |
| AURTTX3006   | Repair transmissions (hydrostatic)                              |
| <b>Mechanical Miscellaneous - Technical - Emission and Exhaust</b>           |   |
| AURTTZ2002   | Repair exhaust system components                                |
| <b>Vehicle Body - Technical - Welding, Grinding, Machining and Soldering</b> |   |
| AURVTW2001   | Carry out manual metal arc welding procedures                   |

| Unit code             | Unit title  |
|-----------------------|---|
| 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 |
| <b>Imported Units</b> |   |
| 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.