



Australian Government

AUR30820 Certificate III in Motorcycle Mechanical Technology

Release 1

AUR30820 Certificate III in Motorcycle Mechanical 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 broad range of tasks on a variety of motorcycles in the automotive 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 = 36

23 core units, plus

13 elective units, of which:

- all **13 units** may be from the elective units listed below
- up to **6 units** may be from a Certificate II 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.

Core Units

AURAEA002 Follow environmental and sustainability best practice in an automotive workplace

AURASA102 Follow safe working practices in an automotive workplace

AURETR112 Test and repair basic electrical circuits

AURETR125 Test, charge and replace batteries and jump-start vehicles

AURETR131 Diagnose and repair ignition systems

AURJTB101 Diagnose and repair motorcycle braking systems

AURJTD103 Diagnose and repair motorcycle suspension systems
AURJTD104 Diagnose and repair motorcycle steering systems
AURJTE101 Diagnose and repair motorcycle engines
AURJTE103 Inspect and service motorcycle engines
AURJTE104 Diagnose and repair motorcycle engine management systems
AURJTQ102 Diagnose and repair motorcycle driveline systems
AURJTR102 Diagnose and repair motorcycle charging systems
AURJTR103 Diagnose and repair motorcycle starting systems
AURJTR104 Diagnose and repair motorcycle dynamic control systems
AURJTX101 Diagnose and repair motorcycle clutch systems
AURJTX102 Diagnose and repair motorcycle manual transmissions
AURTTA118 Develop and carry out diagnostic test strategies
AURTTB101 Inspect and service braking systems
AURTTC103 Diagnose and repair cooling systems
AURTTF101 Inspect and service petrol fuel systems
AURTTF106 Diagnose and repair petrol carburettor systems
AURTTK102 Use and maintain tools and equipment in an automotive workplace

Elective Units

AURACA101 Respond to customer needs and enquiries in an automotive workplace
AURAF103 Communicate effectively in an automotive workplace
AURETR116 Read and apply vehicle wiring schematics and drawings
AURETR122 Diagnose and repair vehicle dynamic control systems
AURETR123 Diagnose and repair spark ignition engine management systems
AURETR129 Diagnose and repair charging systems
AURETR130 Diagnose and repair starting systems
AURETR132 Diagnose and repair automotive electrical systems
AURJTJ001 Remove, inspect and refit motorcycle wheel and tyre assemblies
AURJTJ002 Remove, inspect, repair and refit motorcycle tyres and tubes
AURJTQ001 Inspect and service motorcycle driveline systems
AURJTX103 Diagnose and repair motorcycle automatic transmissions
AURLTD104 Diagnose and repair light vehicle steering systems
AURLTD105 Diagnose and repair light vehicle suspension systems
AURLTJ102 Remove, inspect, repair and refit light vehicle tyres and tubes
AURLTQ101 Diagnose and repair light vehicle final drive assemblies
AURLTQ102 Diagnose and repair light vehicle drive shafts
AURLTZ101 Diagnose and repair light vehicle emission control systems
AURSCA106 Promote automotive products and services
AURTTA009 Carry out mechanical pre-repair operations

AURTTA104 Carry out servicing operations
AURTTA105 Select and use bearings, seals, gaskets, sealants and adhesives
AURTTC001 Inspect and service cooling systems
AURTTE104 Inspect and service engines
AURTTQ001 Inspect and service final drive assemblies
AURTTQ103 Inspect and service drive shafts
AURTTZ102 Diagnose and repair exhaust systems
AURVTW018 Carry out oxyacetylene welding, thermal heating and cutting
AURVTW101 Carry out manual metal arc welding on components
AURVTW109 Carry out basic gas metal arc welding

Qualification Mapping Information

Supersedes and is not equivalent to AUR30816 Certificate III in Motorcycle Mechanical Technology.

Links

Companion Volume Implementation Guide is found on VETNet -

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