



**Australian Government**

# **AUM30218 Certificate III in Automotive Manufacturing Technical Operations - Bus, Truck and Trailer**

**Release: 1**

## AUM30218 Certificate III in Automotive Manufacturing Technical Operations - Bus, Truck and Trailer

### Modification History

Release	Comment
Release 1	New qualification.

### Qualification Description

This qualification reflects the role of individuals in the production of bus, truck and trailer and components manufacture. The qualification is suitable for entry into the automotive manufacturing industry.

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

### Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 28 units of competency:
  - 11 core units, plus
  - 17 elective units.

Elective units must ensure the integrity of the qualification's Australian Qualification Framework (AQF) alignment and contribute to a valid, industry-supported vocational outcome, without duplicating the outcome of another unit chosen for this qualification.

The electives are to be chosen as follows:

- up to 17 elective units may be chosen from the elective units listed below
- up to 5 elective units may be chosen from a Certificate II qualification or above in this Training Package or another endorsed Training Package or accredited course.

### Core Units

Unit code	Unit title
AUMATK002	Prepare and operate tools, equipment and machinery
AUMATK013	Monitor and maintain automotive equipment
AUMGLM011	Apply heavy vehicle standards

Unit code	Unit title
AUMGQA001	Apply workplace technical quality standards
AUMGTA011	Read and interpret work orders and working drawings
AUMGTM005	Read and interpret engineering drawings and determine requirements
AUMGTW001	Perform basic welding, thermal cutting, heating and gouging
AUMGTW002	Conduct mechanical cutting
AURAF A003	Communicate effectively in an automotive workplace
AURAMA001	Work effectively with others in an automotive workplace
AURASA002	Follow safe working practices in an automotive workplace

### **Elective Units**

Unit code	Unit title
AUMABA012	Operate load shifting equipment
AUMGMA001	Participate in workplace productivity improvement processes
AUMGTA002	Service vehicle after assembly
AUMGTB011	Assemble, install and test braking system kits
AUMGTD01	Perform wheel alignment operations
AUMGTG001	Install fixed and moveable glass components on vehicles
AUMGTM001	Assemble vehicle components
AUMGTM002	Assemble vehicle frames and axles
AUMGTM004	Install and fit out components
AUMGTM006	Assemble, install and test hydraulic system kits
AUMGTM007	Assemble, install and test pneumatic system kits
AUMGTM008	Bond and repair fibreglass components
AUMGTM013	Install and replace mechanical units and assemblies

Unit code	Unit title
AUMGTN001	Replace and repair vehicle body panels and fittings
AUMGTP001	Finish and paint vehicle body and part surfaces
AUMGTP002	Rework vehicle paint faults
AUMGTR001	Install and replace vehicle electrical units and assemblies
AUMGTR002	Manufacture and modify vehicle wiring harnesses
AUMGTR003	Test, modify and repair vehicle electrical circuits and systems
AUMGTS001	Prepare materials for fabrication using jigs and fixtures
AUMGTS002	Prepare materials for fabrication using manual processes
AUMGTS003	Fabricate plugs
AUMGTS004	Fabricate parts for vehicle sub-assemblies
AUMGTT001	Apply trim to vehicle components
AUMGTW003	Perform manual metal arc welding
AUMGTW004	Perform gas tungsten arc welding
AUMGTW005	Perform gas metal arc welding
AUMGTW006	Machine parts
AUMGTY001	Paint vehicle chassis and panels
AUMGTY002	Install vehicle components
AUMGTY003	Modify and repair chassis and frames
AURACA001	Respond to customer needs and enquiries in an automotive workplace
AURAEA002	Apply environmental and sustainability best practice in an automotive workplace
AURHTB001	Repair air braking systems
AURHTB004	Overhaul air braking systems and components
AURHTD003	Repair suspension systems (heavy vehicle)

Unit code	Unit title
AURTTB004	Inspect and service air braking systems
AURTTD003	Inspect suspension systems
AURTTD004	Inspect and service suspension systems
MEM30031A	Operate computer-aided design (CAD) system to produce basic drawing elements
MSS402001	Apply competitive systems and practices
MSS402010	Manage the impact of change on own work
MSS402080	Undertake root cause analysis

## Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AUM30218 Certificate III in Automotive Manufacturing Technical Operations – Bus, Truck and Trailer	AUM30213 Certificate III in Automotive Manufacturing Technical Operations – Bus, Truck and Trailer	Updates to core units of competency	Equivalent

## Links

Companion Volume Implementation Guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=bd587669-08b3-4cd5-85f0-f9fa0c6304c1>