



**Australian Government**

# **AUM35108 Certificate III in Automotive Manufacturing (Bus/Truck/Trailer)**

**Revision Number: 1**

## **AUM35108 Certificate III in Automotive Manufacturing (Bus/Truck/Trailer)**

### **Modification History**

Not applicable.

## Description

### Qualification Notes

This qualification is the notional trade level qualification for this sector. Individuals may undertake a range of limited supervisory tasks, with accountability for the quality of outcomes.

### Prerequisite requirements

There are no prerequisites for this qualification.

### Pathways into the qualification

This qualification may be accessed by direct entry. Credit must be granted towards this qualification to those who have completed AUM25108 Certificate II in Automotive Manufacturing (Bus/Truck/Trailer).

Individuals who have completed the Certificate II will be required to achieve an additional 11 competencies to attain the Certificate III. Units chosen must be different from any already achieved.

### Licensing, legislative, regulatory or certification considerations

There is no direct link between this qualification and licensing, legislative and/or regulatory requirements. However, where required, a unit of competency will specify relevant licensing, legislative and/or regulatory requirements that impact on the unit.

### Packaging Rules

To be awarded the Certificate III in Automotive Manufacturing (Bus/Truck/Trailer), competency must be achieved in **twenty five (25)** units of competency.

- **nine (9)** core unit of competency
- **sixteen (16)** elective units of competency.
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### Core units of competency

Unit code	Unit title
AUM2001B	Monitor and maintain workplace environment
AUM2004B	Prepare and use/operate equipment, tools and/or machinery
AUM2006B	Monitor and maintain equipment, tools and machinery
AUM8001B	Contribute to workplace relationships and processes
AUM8011B	Provide customer service
AUM8013B	Participate in improving workplace productivity
AUM8021B	Inspect work and apply company technical quality standards

Unit code	Unit title
AUM8043B	Read and interpret working drawings and work orders
AUM8044B	Read and interpret engineering drawings and job specifications

**Elective units of competency**

- select **sixteen (16)** units of competency from the following list.

Unit code	Unit title
AUM2002B	Receive and dispatch material, equipment and tools
AUM2003B	Prepare and process materials and components
AUM2005B	Monitor and maintain continuous improvement systems
AUM2009B	Work effectively with others in teams
AUM8001B	Contribute to workplace relationships and processes
AUM8011B	Provide customer service
AUM8013B	Participate in improving workplace productivity
AUM8021B	Inspect work and apply company technical quality standards
AUM8032B	Control stock
AUM8033B	Select and dispatch parts
AUM8041B	Prepare materials for fabrication using jigs/fixtures
AUM8042B	Prepare materials for fabrication using manual processes
AUM8051B	Conduct basic welding, thermal cutting, heating and gouging operations
AUM8052B	Conduct mechanical cutting operations
AUM8053B	Perform manual metal arc welding operations (MMAW)
AUM8054B	Perform submerged arc welding operations (SAW)

Unit code	Unit title
AUM8055B	Perform oxyacetylene welding operations (OAW)
AUM8056B	Perform gas tungsten arc welding operations (GTAW)
AUM8057B	Perform gas metal arc welding operations (GMAW)
AUM8061B	Fabricate plugs
AUM8062B	Stamp and press parts
AUM8063B	Fabricate parts for sub-assemblies
AUM8064B	Machine parts
AUM8071B	Finish surfaces for painting
AUM8072B	Paint chassis or panels
AUM8073B	Control oven baking cycle
AUM8074B	Rework paint faults
AUM8081B	Apply trim to components
AUM8082B	Assemble components
AUM8083B	Assemble frame and axle
AUM8084B	Install engine and drive train
AUM8085B	Mount and install assembled component to chassis or frame
AUM8086B	Service after assembly
AUM8087B	Assemble and install hydraulic system kit
AUM8088B	Assemble and install pneumatic system kit
AUM8089B	Assemble and install braking system kit
AUM8090B	Install fixed or moveable glass components
AUM8091B	Install or replace mechanical units/assemblies
AUM8092B	Install/fit out components

Unit code	Unit title
AUM8093B	Test, service and replace battery
AUM8094B	Install or replace electrical/electronic units/assemblies
AUM8095B	Perform wheel alignment operations
AUM8101B	Modify or repair chassis/frame and associate components
AUM8102B	Manufacture or modify wiring harnesses
AUM8103B	Rectify/replace vehicle body panels and ancillary fittings
AUM8104B	Bond/repair components using fibreglass reinforced plastic techniques
AUM8105B	Perform minor modifications/repairs to electrical circuits/systems
AUM8111B	Perform forklift driving and lifting operations
AUM8112B	Operate load shifting equipment
AUM8121B	Conduct final inspections and functional tests
AUM8131B	Install and commission air conditioning system kit
AUM8132B	Install and commission refrigeration system kit
AUM8133B	Remove and replace air conditioning systems
AUM8134B	Remove and replace refrigeration systems
AURE224008A	Carry out soldering of electrical wiring/circuits
AURT211170A	Inspect and service air braking systems
AURT216130A	Inspect suspension system
AURT216170A	Inspect and service suspension systems
AURT311166A	Repair air braking systems
AURT316166A	Repair suspension systems
AURT411145A	Overhaul air braking systems/components
MSAENV272B	Participate in environmentally sustainable work practices

Unit code	Unit title
TLID3607C	Lift and move load using mobile crane up to and including 20 tonnes
<p>Up to <b>six(6)</b> elective units may be selected from this Training Package, other endorsed Training Packages or accredited courses, where those units are available for inclusion at Certificate III or higher.</p> <p>Units selected from other Training Packages or accredited courses must not duplicate units selected from or available within AUM08 Automotive Manufacturing Training Package.</p>	

## Pathways Information

Not applicable.

## Licensing/Regulatory Information

### Licensing, legislative, regulatory or certification considerations

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## Entry Requirements

Not applicable.

## Employability Skills Summary

### EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

The following table contains a summary of the Employability Skills required by 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	<ul style="list-style-type: none"> <li>gathering, conveying and receiving verbal and written information</li> <li>listening and understanding work requirements and responsibilities</li> </ul>
Teamwork	<ul style="list-style-type: none"> <li>working with colleagues and supervisors to produce optimised work processes and productivity</li> </ul>
Problem solving	<ul style="list-style-type: none"> <li>solving routine problems related to hazards in the workplace, while under direct supervision</li> <li>checking own work to ensure errors are minimal and work flow is maintained</li> </ul>
Initiative and enterprise	<ul style="list-style-type: none"> <li>raising occupational health and safety (OHS) issues with the occupational health and safety officer</li> <li>recognise and respond to circumstances outside of personal competence</li> </ul>
Planning and organising	<ul style="list-style-type: none"> <li>planning own work schedule within given task parameters</li> <li>set, monitor and satisfy personal work goals</li> </ul>
Self-management	<ul style="list-style-type: none"> <li>behaving in ways that contribute to an effective and safe working environment</li> <li>accepting own roles and responsibilities for given tasks</li> </ul>
Learning	<ul style="list-style-type: none"> <li>listening to ideas and opinions of other members of the team</li> <li>following safety procedures</li> </ul>
Technology	<ul style="list-style-type: none"> <li>operating a range of business equipment or specific machinery</li> </ul>

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