



Australian Government

Department of Education, Employment and Workplace Relations

AUM30108 Certificate III in Automotive Manufacturing - Manufacturing Specialist (Passenger Motor Vehicle)

Release: 1

AUM30108 Certificate III in Automotive Manufacturing - Manufacturing Specialist (Passenger Motor Vehicle)

Modification History

Not applicable.

Description

Qualification Notes

This qualification allows individuals who are already working in the automotive manufacturing sector to develop further skills and knowledge in order to fulfil specialist roles in the organisation. They may undertake a range of limited supervisory tasks, with accountability for the quality of outcomes. This is a non-trade qualification that can focus on specialist roles in the manufacturing industry and allied processes; it may include team leaders, quality specialists and process specialists.

Prerequisite requirements

There are no prerequisite requirements for this qualification.

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 - Manufacturing Specialist (Passenger Motor Vehicle), competency must be achieved in **eight (8)** units of competency:

- **Three (3)** core units of competency
- **five (5)** elective units of competency.

Core units of competency

Unit code	Unit title
AUM3026A	Maintain a safe automotive manufacturing work environment
AUM8001B	Contribute to workplace relationships and processes
AUM8021B	Inspect work and apply company technical quality standards

Elective units of competency

- select **five (5)** elective units of competency from Group A, B or C.

Note that:

- at least **three (3)** units must be at Certificate III level
- a maximum of **two (2)** units may be at Certificate IV level
- a maximum of **two (2)** units may be at Certificate II level
- up to **two (2)** of the elective units of competency may be selected from this Training Package, other endorsed Training Packages and accredited courses, where those units are available at Certificate II, III or IV.

Elective units must be relevant to the work outcome, industry requirements and the qualification level.

Units selected from other endorsed Training Packages and accredited courses must not duplicate units selected from or available within AUM08 Automotive Manufacturing Training Package.

Specialisation advice

Specialisations are available in Leadership, Quality Processes and Manufacturing Processes. To obtain a specialisation, at least **three (3)** units must be selected from the units listed in the relevant specialist group.

Group A - Leadership

Unit code	Unit title
AUM3020A	Influence and lead workgroups in an automotive manufacturing environment
BSBCMN311B	Maintain workplace safety
BSBDIV301A	Work effectively with diversity
BSBINM301A	Organise workplace information
BSBINN301A	Promote innovation in a team environment
BSBINM302A	Utilise knowledge management systems
MSACMC210A	Manage the impact of change on own work
MSACMT230A	Apply cost factors to work practices
MSACMT231A	Interpret product costs in terms of customer requirements
MSACMT421A	Facilitate a Just-in-Time (JIT) system
MSACMT440A	Lead 5S in a manufacturing environment

Group B - Quality processes

Unit code	Unit title
AUM3021A	Sustain quality standards
AUM3022A	Reduce cycle time in work processes

Unit code	Unit title
AUM3023A	Reduce waste in work processes
AUM3024A	Undertake preliminary fault finding and machine reset
MSAPMSUP390A	Use structured problem solving tools
MSL973001A	Perform basic tests
MSL973007A	Perform microscopic examination

Group C - Manufacturing processes

AUM3025A	Apply visual factory principles and practices to an automotive manufacturing environment
AUM8013A	Participate in improving workplace productivity
AUMNT3001B	Rectify faults in vehicle components
AUMNT3002B	Rectify paintwork
AUMNT3003B	Control paint line production process
AUMNT3004B	Conduct engine hot test
AUMNT3005B	Rework production engines
AUMNT3006B	Rectify mechanical faults on assembled vehicles
AUMNT3007B	Rectify electrical faults in assembled vehicles
AUMNT3008B	Rectify assembly faults in assembled vehicles
AUMNT3009B	Conduct die coating
AUMNT3010B	Conduct structural rectifications of vehicle bodies
AUMNT3011B	Test welds ultrasonically
AUMNT3012B	Conduct tool setting
AUMNT3013B	Monitor and maintain metals treatment plant operations
MSACMT220A	Apply quick changeover procedures

AUM3025A	Apply visual factory principles and practices to an automotive manufacturing environment
MSACMT482A	Assist in maintaining a proactive maintenance strategy
MSAENV727B	Participate in environmentally sustainable work practices
TLIA1707C	Apply product knowledge to organise work operations
TLIA2307C	Coordinate stocktakes
TLIA2807C	Assess and monitor optimum stock levels

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	- gathering, conveying and receiving verbal and written information - listening and understanding work requirements and responsibilities
Teamwork	working with colleagues and supervisors to produce optimised work processes and productivity
Problem solving	- solving routine problems related to hazards in the workplace, while under direct supervision - checking own work to ensure errors are minimal and work flow is maintained
Initiative and enterprise	- raising occupational health and safety (OHS) issues with the occupational health and safety officer - recognise and respond to circumstances outside of personal competence
Planning and organising	- planning own work schedule within given task parameters - setting, monitoring and satisfying personal work goals
Self-management	- behaving in ways that contribute to an effective and safe working environment - accepting own roles and responsibilities for given tasks
Learning	- listening to ideas and opinions of other members of the team - following safety procedures
Technology	operating a range of business equipment or specific machinery

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Group C - Manufacturing processes

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AUMNT3002B	Rectify paintwork
AUMNT3003B	Control paint line production process
AUMNT3004B	Conduct engine hot test
AUMNT3005B	Rework production engines
AUMNT3006B	Rectify mechanical faults on assembled vehicles
AUMNT3007B	Rectify electrical faults in assembled vehicles
AUMNT3008B	Rectify assembly faults in assembled vehicles
AUMNT3009B	Conduct die coating
AUMNT3010B	Conduct structural rectifications of vehicle bodies
AUMNT3011B	Test welds ultrasonically
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