Australian Government

AUM40113 Certificate IV in Automotive Manufacturing

Release 3

AUM40113 Certificate IV in Automotive Manufacturing

Modification History

Release	Comment
Release 1	Qualification updated to reflect the new standards for Training Packages
	Replaces AUM40112 Certificate IV in Automotive Manufacturing
Release 2	Updated due to superseded imported AUR units.
Release 3	This version released with AUM Automotive Manufacturing Training Package version 2.2.
	Revised Packaging Rules. The following training products were removed from the Specialist Elective Units:
	• AUMAQA001 Apply quality assurance techniques • AUMATA002 Conduct post-production inspections and tests • AUMATA006 Provide automotive manufacturing advice.

Qualification Description

This qualification reflects the role of master technicians in the automotive manufacturing sector. The qualification is suitable for automotive manufacturing industries, including passenger motor vehicle and bus, truck and trailer.

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

Entry Requirements

Those undertaking this qualification are required to have AUMGQA001 Apply workplace technical quality standards, or be able to demonstrate equivalent competency.

Packaging Rules

Total number of units = 10

- **3 core units**, plus
- **7 elective units**, of which:
    - all specialist elective units must be chosen

- up to 4 general elective units may be chosen from the general elective units listed below
- up to 2 elective units may be chosen from a Certificate III 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	Prerequisites
AUMAMM001	Influence and lead work groups in an automotive manufacturing workplace	
AUMFMM003	Plan and organise automotive production and assembly processes	
MSS403041A	Facilitate breakthrough improvements	

Specialist Elective Units

MSS403011A	Facilitate implementation of competitive systems and practices	
MSS403040A	Facilitate and improve implementation of 5S	
MSS404053A	Use six sigma techniques	MSS404052A

General Elective Units

Unit code	Unit title	Prerequisites
AUMASA011	Apply safe work practices in the automotive manufacturing environment	
AUMATA008	Produce drawings manually	
AURAEA004	Manage environmental and sustainability best practice in an automotive workplace	
AURMTE101	Test engines using a dynamometer	
AURTTA021	Diagnose complex system faults	
BSBLED401	Develop teams and individuals	

Unit code	Unit title	Prerequisites
BSBPMG412	Apply project cost management techniques	
BSBRKG304	Maintain business records	
BSBRSK401	Identify risk and apply risk management processes	
MSAPMSUP390A	Use structured problem solving tools	
MSS402002A	Sustain process improvements	
MSS402010A	Manage the impact of change on own work	
MSS402020A	Apply quick changeover procedures	
MSS402030A	Apply cost factors to work practices	
MSS402031A	Interpret product costs in terms of customer requirements	
MSS402050A	Monitor process capability	
MSS402051A	Apply quality standards	
MSS402060A	Use planning software systems in operations	
MSS402061A	Use SCADA systems in operations	
MSS402080A	Undertake root cause analysis	
MSS403001A	Implement competitive systems and practices	
MSS403002A	Ensure process improvements are sustained	
MSS403021A	Facilitate a Just In Time system	
MSS403030A	Improve cost factors in work practices	
MSS403032A	Analyse manual handling processes	
MSS403051A	Mistake proof an operational process	
MSS404050A	Undertake process capability improvements	MSS404052A
MSS404052A	Apply statistics to operational processes	
MSS404060A	Facilitate the use of planning software systems in a work area or team	

Qualification Mapping Information

AUM40112 Certificate IV in Automotive Manufacturing

Links

Companion Volume Implementation Guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=bd587669-08b3-4cd5-85f0-f9fa0c6304c1