

Qualification code	AUM30225
Qualification title	Certificate III in Automotive Manufacturing Technical Operations - Bus, Truck and Trailer
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.
Entry requirements	Nil
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 UNIT CODES AND TITLES • AUMATK002- Prepare and operate tools, equipment and machinery • AUMATK013- Monitor and maintain automotive equipment • AUMGLM011- Apply heavy vehicle standards • 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- Perform mechanical cutting • AURAF103- Communicate effectively in an automotive workplace • AURAMA001- Work effectively with others in an automotive workplace • AURASA102- Follow safe working practices in an automotive workplace ELECTIVE UNIT CODES AND TITLES • AUMABA012- Operate load shifting equipment • AUMATA008- Produce drawings manually • AUMGMA001- Participate in workplace productivity improvement processes • AUMGTA002- Service vehicle after assembly • AUMGTB011- Assemble, install and test braking system kits • AUMGTD001- 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 or replace mechanical units and assemblies • 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
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	• 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 • AUMGTY001- Paint vehicle chassis and panels • AUMGTY002- Install vehicle components • AUMGTY003- Modify and repair chassis and frames • AURACA101- Respond to customer needs and enquiries in an automotive workplace • AURAEA002- Follow environmental and sustainability best practice in an automotive workplace • AURHTB101- Diagnose and repair heavy vehicle air braking systems • AURHTD103- Diagnose and repair heavy vehicle suspension systems • AURTTB004- Inspect and service air braking systems • AURTTD003- Inspect suspension systems • AURTTD004- Inspect and service suspension systems • MEM30031- Operate computer aided design (CAD) system to produce basic drawing elements • MSS402003- Apply competitive systems and practices • MSS402011- Manage the impact of change on own work • MSS402084 - Undertake root cause analysis
Qualification mapping information	Supersedes and is equivalent to <i>AUM30218 Certificate III in Automotive Manufacturing Technical Operations – Bus, Truck and Trailer</i>
Links	Companion Volume Implementation Guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=bd587669-08b3-4cd5-85f0-f9fa0c6304c1

Modification History

Release	Comment
Release 1	This version was first released with AUM Automotive Manufacturing Training Package Version 3.0 to incorporate updates to superseded core and elective units.

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