



Australian Government

AURVTS006 Fabricate automotive and marine trim components

Release: 1

AURVTS006 Fabricate automotive and marine trim components

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to measure, mark out, cut and fabricate automotive or marine trim components to given specifications. It involves preparing for the task, selecting and using specialist tools and equipment, checking material quality, calculating material quantity, assembling and trimming components, identifying fabrication defects, and completing workplace processes and documentation.

It applies to those working in the automotive and marine trimming industry.

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

Competency Field

Vehicle Body

Unit Sector

Technical - Fabrication

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold and italicised text is used, further information is detailed in the range of conditions section.
1. Prepare to fabricate trim components	1.1 Job requirements are determined from workplace instructions 1.2 Materials are selected and inspected for quality 1.3 Hazards associated with the work are identified and risks are managed 1.4 Fabrication tools and equipment and personal protective

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	equipment (PPE) are selected and checked for serviceability 1.5 Work is planned to identify methods for fabricating trim components, minimise waste, and use time effectively
2. Perform fabrication	2.1 Components are <i>fabricated</i> to specification according to workplace instructions, customer and job requirements, and <i>safety and environmental requirements</i> 2.2 Fabricated component is inspected against workplace quality requirements and fabrication defects are reported to appropriate personnel according to workplace procedures
3. Complete work processes	3.1 Final inspection is made to ensure fabrication work meets workplace expectations and component is presented ready for use 3.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected and stored 3.3 Tools and equipment are checked, reported if faulty, and stored according to workplace procedures 3.4 Workplace documentation is processed according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance and are not explicit in the performance criteria.

Skills	Description
Learning skills to:	locate appropriate sources of information efficiently.
Writing skills to:	legibly and accurately fill out workplace documentation.
Oral communication skills to:	- clarify instructions and procedures - clearly report quality issues and job outcomes.
Numeracy skills to:	- use basic mathematical operations, including addition and subtraction, to calculate: - fitting measurements - quantities and size of materials.
Planning and organising skills to:	plan own work requirements and prioritise actions to achieve required outcomes and ensure tasks are completed within

Skills	Description
	workplace timeframes.
Technology skills to:	use specialist trimming and fabrication equipment.

Range of Conditions

This section specifies work environments and conditions that may affect performance.

Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Bold italicised wording, if used in the performance criteria, is detailed below.

<i>Fabrication</i> must include:	- measuring, marking and cutting - sewing, fastening and assembling.
<i>Safety and environmental requirements</i> must include:	- work health and safety (WHS) and occupational health and safety (OHS) requirements, including procedures for: - selecting and using PPE - using specialist tools and equipment - environmental requirements, including procedures for storing and disposing of waste materials.

Unit Mapping Information

Equivalent to AURVTS2006 Carry out fabrication of components

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>

Assessment Requirements for AURVTS006 Fabricate automotive and marine trim components

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Performance Evidence

Before competency can be determined, individuals must demonstrate they can perform the following according to the standard defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- fabricate three different automotive or marine trim components to specifications, including one seat assembly.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to fabricating automotive and marine trim components, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - using specialist tools and equipment
- environmental requirements, including procedures for storing and disposing of waste materials
- types, operation and basic maintenance of fabrication equipment
- type of trim materials and their applications
- trim component fabrication methods and techniques, including:
 - material marking out and cutting techniques
 - fastening and assembly methods, including:
 - gluing
 - bonding
 - sewing
 - riveting
 - welding
- procedures for identifying material defects

- procedures for protecting vehicle or vessel and components during trim work
- procedures for final inspection of fabricated trim component.

Assessment Conditions

Assessors must satisfy NVR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessment must include direct observation of tasks.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the trim components that they have fabricated, e.g. work orders.

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- automotive or marine trimming workplace or simulated workplace
- workplace instructions
- PPE to fabricate trim components
- materials to fabricate trim components
- three different automotive or marine components requiring trim
- tools, equipment and materials appropriate for fabricating trim components.

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