



Australian Government

AURVTT017 Fabricate and install automotive and marine floor coverings

Release: 1

AURVTT017 Fabricate and install automotive and marine floor coverings

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to measure, mark out, and cut, and fabricate and install automotive or marine floor coverings. It involves preparing for the task, selecting and using specialist tools and equipment, selecting materials and checking their quality, following manufacturer and customer instructions, and completing workplace processes and documentation.

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

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

Competency Field

Vehicle Body

Unit Sector

Technical - Trimming and Upholstery

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 for fabrication of floor coverings	1.1 Job requirements are determined from workplace instructions 1.2 <i>Fabrication methods</i> and <i>materials</i> are selected and inspected for quality and quantities are calculated 1.3 Hazards associated with the work are identified and risks are

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	managed 1.4 Tools and equipment, including personal protective equipment (PPE), are selected and checked for serviceability 1.5 Work is planned to minimise waste and use time efficiently
2. Measure, fabricate and install floor coverings	2.1 Work area is prepared and fabrication tools and equipment are set up for job requirement 2.2 Materials are measured, marked out and cut according to floor covering specifications and patterns, workplace procedures, and safety and environmental requirements 2.3 Floor coverings are fabricated and fabrication process is monitored to ensure specifications, customer requirements, and workplace procedures are met 2.4 Defects, quality issues and non-conformances are reported to authorised personnel according to workplace procedures 2.5 Installation and fitting of floor coverings, insulation and fastenings are completed according to workplace procedures and job requirements
3. Complete work processes	3.1 Final inspection is made to ensure work meets workplace expectations and vehicle 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	clarify instructions and procedures

Skills	Description
to:	clearly report quality issues and job outcomes.
Numeracy skills to:	use basic mathematical operations, including addition and subtraction, to calculate fabrication of materials .
Planning and organising skills to:	plan own work requirements and prioritise actions to achieve required outcomes and ensure tasks are completed within workplace timeframes.
Technology skills to:	use specialist tools and 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 methods</i> must include:	- measuring - marking out - cutting - machine sewing - overlocking - fastening and fitting.
<i>Materials</i> must include:	- heel mats - carpet - insulation.
<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 - manually handling materials - environmental requirements, including procedures for storing and disposing of waste materials.

Unit Mapping Information

Equivalent to AURVTT3017 Fabricate and install floor coverings

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 AURVTT017 Fabricate and install automotive and marine floor coverings

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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 and install one complete automotive or marine floor covering to specification.

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 and installing automotive or marine floor coverings, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - using specialist tools and equipment
 - manually handling materials
- environmental requirements, including procedures for storing and disposing of waste materials
- type, use and basic maintenance of sewing and trimming tools and equipment
- types of floor coverings and insulation and their application
- methods and techniques for fabricating and installing floor coverings, including:
 - selecting materials
 - planning
 - measuring
 - marking out
 - cutting
 - sewing
 - using adhesives

- fitting and fastening
- procedures for protecting vehicle and components when installing floor coverings
- procedures for final inspection of fabricated and installed floor coverings.

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 vehicle or vessel floor coverings that they have fabricated and installed, e.g. work order.

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 required to fabricate and install floor coverings
- materials required to fabricate and install floor coverings
- one vehicle or vessel requiring floor coverings to be installed
- tools, equipment and materials appropriate for fabricating and installing floor coverings.

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