



Australian Government

AURVTT014 Fabricate and fit marine covers

Release: 1

AURVTT014 Fabricate and fit marine covers

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to fabricate and fit covers for different marine applications. It involves preparing for the task, selecting and using specialist tools and equipment, selecting materials and checking their quality, following manufacturer and customer instructions, inspecting final work, and completing workplace processes and documentation.

It applies to those working in the 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 - 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 to fabricate marine covers	1.1 Job requirements are determined from workplace instructions 1.2 Materials are selected and inspected for quality, and quantities are calculated 1.3 Hazards associated with the work are identified and risks are managed

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.
	1.4 Tools and equipment, including personal protective equipment (PPE), are selected for appropriate <i>fabrication methods</i> and checked for serviceability 1.5 Work area is prepared and work is planned to minimise waste and use time efficiently
2. Measure, mark out and cut materials	2.1 Templates and specialist tools and equipment are selected and used according to <i>safety and environmental requirements</i> 2.2 Materials are marked out and cut according to patterns, templates workplace instructions, manufacturer specifications and fitting requirements
3. Fabricate, fit and fasten marine covers	3.1 Marine covers are fabricated and assembled according to job requirements and workplace instructions 3.2 Marine covers are fitted and fastened without causing damage to vehicle or components 3.3 Fitted marine covers are checked for alignment and quality according to job requirements, workplace procedures and manufacturer specifications
4. Complete work processes	4.1 Final inspection is made to ensure work meets workplace expectations and component is presented ready for use 4.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected and stored 4.3 Tools and equipment are checked, reported if faulty, and stored according to workplace procedures 4.4 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: - fitting measurements - quantities of required 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 and cutting - machine sewing - reinforcing and edge finishing - fastening, shaping and gluing - assembling and fitting.
<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 marine components - environmental requirements, including procedures for storing and disposing of waste materials.

Unit Mapping Information

Equivalent to AURVTT3014 Fabricate marine covers

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 AURVTT014 Fabricate and fit marine covers

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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 fit two marine covers to job specifications.

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 fitting marine covers, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - using specialist tools and equipment
 - manually handling marine components
- environmental requirements, including procedures for storing and disposing of waste materials
- type, use and basic maintenance of tools and equipment
- designs and styles of different types of covers
- types of materials and consumables and their applications, including:
 - fabrics
 - fasteners
 - adhesives
- methods and techniques for fabricating marine covers, including:
 - material selection
 - planning
 - measuring
 - marking out

- cutting
- sewing
- making up and assembly
- fitting and fastening
- methods and techniques for fitting and fastening marine covers
- procedures for protecting vessel and components when fitting covers
- procedures for final inspection of fabricated and fitted marine covers.

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 marine covers that they have fabricated and fitted, 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:

- marine trimming workplace or simulated workplace
- workplace instructions
- PPE required to fabricate and fit marine covers
- materials required to fabricate and fit marine covers
- marine vessel or components that require covers to be fabricated and fitted
- tools, equipment and materials appropriate for fabricating and fitting marine covers.

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