



Australian Government

AURVTT012 Conduct sewing operations

Release: 1

AURVTT012 Conduct sewing operations

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to conduct sewing operations using hand and machine techniques. It involves preparing for the task, selecting and using specialist sewing tools and equipment, selecting materials, and completing workplace processes and documentation.

It applies to those working in the automotive and marine trimming industry. It includes a range of automotive or marine trimming applications.

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 carry out sewing work	1.1 Job requirements are determined from workplace instructions 1.2 Components are identified and materials selected and inspected for quality 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 Sewing tools and equipment and personal protective equipment (PPE) are selected and checked for serviceability 1.5 Work area is prepared and work is planned to minimise waste and use time efficiently
2. Sew automotive or marine components and trim	2.1 Sewing machine is set up correctly and adjustments are made during sewing operations 2.2 Hand and machine sewing operations are carried out according to workplace instructions and safety and environmental requirements 2.3 Sewing activities are completed within workplace timeframes
3. Complete work processes	3.1 Final inspection is made to ensure 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 quantities of required materials - interpret metric and imperial measurements, including stitch per inch.

Skills	Description
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 sewing 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>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.
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Unit Mapping Information

Equivalent to AURVTT3012 Carry out sewing operations

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 AURVTT012 Conduct sewing operations

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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:

- machine sew two of the following vehicle or marine components or trim:
 - seat cover for bucket or bench seat
 - door trims
 - carpets
 - head linings
- hand sew one steering wheel cover.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to sewing operations, 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 of sewing tools, equipment and consumables and their uses
- hand and machine sewing methods and techniques
- final inspection procedures for sewing work.

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 components or trim that they have sewed, e.g. repair 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 carry out sewing
- components and trim specified in the performance evidence requiring machine and hand sewing
- materials and consumables required to carry out sewing operations
- sewing tools, equipment and materials appropriate for carrying out sewing operations.

Links

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