



Australian Government

MSFUP3027 Cut and sew canvas and acrylics

Release: 1

MSFUP3027 Cut and sew canvas and acrylics

Modification History

Release 1. Changes to code, application, elements, performance criteria, assessment requirements. Foundation skills added. Range of conditions removed. Assessment requirements changed.

Application

This unit describes the skills and knowledge required to measure, cut and sew canvas and acrylic materials and apply fixtures and fittings for varied applications including automotive and marine applications.

Upholstery and automotive and marine fit-out workers with this competency follow established procedures, using discretion, judgement and problem-solving to identify and resolve potential issues. They recognise dependencies and use cooperative approaches to optimise workflow and productivity.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Competency Field

Upholstery

Elements and Performance Criteria

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare for task	1.1 Determine task requirements from work documentation including required material, number and nature of items to be cut and equipment to be used 1.2 Identify and follow work health and safety requirements 1.3 Determine required machines, attachments, tools, materials, work method and sequence to achieve task requirements 1.4 Select and prepare suitable work area and clear it of contaminants 1.5 Check that equipment, including components, controls and any supplementary equipment, is functional and safe 1.6 Check that scissors and other cutting equipment are appropriately sharp, functional and safe 1.7 Check that materials to be cut and sewn meet requirements and report problems in accordance with workplace procedures

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
2. Develop cutting plan	2.1 Identify cutting requirements from work documentation 2.2 Confirm measurements for item, noting locations of high wear, chafing, fittings, attachments and fixing devices 2.3 Develop cutting list using appropriate format, abbreviations and terminology in accordance with workplace procedures 2.4 Finalise cutting plan in accordance with workplace procedures
3. Prepare materials for cutting	3.1 Select and lay out material and inspect for flaws in accordance with task requirements 3.2 Identify finished side of materials and position on cutting table for marking or pattern lay-out 3.3 Mark out material or lay out patterns in accordance with workplace procedures and task requirements
4. Cut material	4.1 Confirm measurements and make required adjustments to positioning of fabric 4.2 Check tools and equipment for correct operation 4.3 Complete required cutting operations in accordance with task requirements 4.4 Inspect cut material for quality and reprocess unsatisfactory items in accordance with workplace instructions 4.5 Label and dispatch cut materials to next process in accordance with workplace procedures
5. Conduct sewing operation	5.1 Check that items to be sewn meet size, quality and other task requirements 5.2 Set up sewing machine, including attachments and make required adjustments in accordance with workplace procedures 5.3 Operate machine in accordance with manufacturer instructions and workplace procedures to maintain required product quality and output 5.4 Attach reinforcing or protective measures, fittings or attachments and fixing devices in accordance with workplace procedures 5.5 Inspect finished items for quality, and reprocess unacceptable items in accordance with workplace procedures
6. Complete task	6.1 Check, clean and store equipment and any unused materials in accordance with workplace procedures 6.2 Tag unserviceable equipment, identify faults and inform appropriate personnel in accordance with workplace procedures

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	6.3 Clean work area, safely dispose of waste and identify items for recycling in accordance with workplace procedures and environmental standards 6.4 Complete required workplace records

Foundation Skills

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

- Reading skills to interpret familiar workplace procedures and work documentation
- Writing skills to communicate information in familiar workplace documents
- Numeracy skills to measure and calculate length and area and estimate material requirements.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

Release 1. Supersedes and is equivalent to MSFUP3013 Cut and sew canvas and acrylics.

Links

Companion Volume implementation guides are found in VETNet –

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>

Assessment Requirements for MSFUP3027 Cut and sew canvas and acrylics

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Performance Evidence

There must be evidence the candidate has completed all the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- measure, cut and sew at least one canvas product and one acrylic product, collectively including at least 2 of the following:
 - clips
 - press studs
 - buckles
 - eyelets
 - shackles
 - zips
 - reinforcing patches
 - straps
- apply at least 2 metres of binding as an edge finish, including a curve and three corners.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- procedures for reporting damaged or imperfect products or interruption to workflows
- workflows for the cutting and sewing process
- function of cutting and sewing equipment, including:
 - overlockers
 - flatbed sewing machines
 - walking foot sewing machines
 - measuring tapes
 - scissors
 - cutting blades
 - knives and threads
- characteristics of materials and appropriateness for different applications, including:
 - cloths

- canvases
- acrylics
- carpets
- foam-backed fusion bonded
- needle punched materials
- thread
- common fault in material used and repair methods
- quality systems and standards for canvas and acrylics work
- workplace procedures for cutting and sewing canvas and acrylics
- work health and safety requirements, including personal protective equipment (PPE) and manual handling procedures.
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Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - work orders
 - cutting table, scissors, blades and cutting machines and sewing machine required for performance evidence
 - PPE
 - workplace procedures, manufacturing specifications, codes, standards, manuals, and reference materials.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

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