



Australian Government

MSFUP3019 Machine sew complex upholstery final cover materials

Release: 1

MSFUP3019 Machine sew complex upholstery final cover materials

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 use specific sewing machine techniques to sew upholstery final cover materials. It includes the production of specialised products and decorative finishes using industrial sewing machines and attachments.

Upholstery workers with this competency work in accordance with 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	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 materials, threads, features, special requirements and shape of finished item 1.2 Identify and follow work health and safety requirements 1.3 Determine machines, attachments, materials, work method and sequence of tasks to meet task requirements 1.4 Identify equipment, including any supplementary equipment, and check it is operating effectively and safely 1.5 Identify and inspect materials and report on problems, including any materials or part-constructed products that do not meet task requirements, in accordance with workplace procedures

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	1.6 Lay out work pieces in sequence in accordance with task requirements and workplace procedures
2. Conduct sewing operation	2.1 Set up and adjust sewing machine, including attachments, to meet task requirements 2.2 Operate machine to maintain required product quality and outputs 2.3 Check that finished products meet workplace quality standards
3. Complete task	3.1 Direct completed work to next operation in accordance with workplace procedures 3.2 Check, clean and store equipment and any unused materials in accordance with workplace procedures 3.3 Tag unserviceable equipment, identify faults and inform appropriate personnel in accordance with workplace procedures 3.4 Clean work area, safely dispose of waste and identify items for recycling in accordance with workplace procedures and environmental standards 3.5 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 MSFUP3005 Machine sew complex upholstery final cover materials.

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 MSFUP3019 Machine sew complex upholstery final cover materials

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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:

- complete at least 1 double-sided stool top with double-stitched quartering of different materials and twin needle decorative finishes, including 3 of the following:
 - single and double piping
 - blind hemming
 - balloon seam
 - gathering
 - sewing with specialised attachments, including gathering
 - sewing fasteners and attachments, including sewing of zips and Velcro.
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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 workflow
- workflow requirements for upholstery sewing process
- how to operate sewing equipment, including:
 - flat bed
 - walking foot
 - overlocker
 - post or flatbed twin needle
- how to set up and adjust sewing machine features, including:
 - threading machine and winding bobbin
 - setting required tensions
 - selecting required machine settings
 - lubricating and adjusting the machine
 - testing operations to meet work order requirements
- characteristics of materials and their response to machine sewing, including:
 - fabrics

- vinyl
- canvas
- acrylics
- leather
- quality systems and standards for machine sewing upholstery cover materials
- workplace procedures for machine sewing
- 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
 - sewing machine, materials for sewing and threads 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.

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