



**Australian Government**

# **MSFSF2016 Operate a steam press**

**Release: 1**

## MSFSF2016 Operate a steam press

### 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 operate steam pressing equipment.

Workers with this competency follow established procedures in the soft furnishing sector.

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

Soft Furnishing

### 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. Identify task requirements             | 1.1 Determine task requirements from work documentation and material care labels<br>1.2 Identify equipment and processes required to meet task requirements<br>1.3 Identify workplace quality requirements for finished product                                                                                                                                                      |
| 2. Plan steam pressing operations         | 2.1 Identify and follow work health and safety requirements<br>2.2 Identify temperatures and any particular precautions from care labels and workplace instructions<br>2.3 Plan work sequence for task in accordance with workplace procedures<br>2.4 Identify steam pressing equipment emergency stops, gauges, guards and controls<br>2.5 Plan task sequences to meet requirements |
| 3. Set up steam pressing equipment        | 3.1 Set temperatures and adjust equipment to meet task requirement                                                                                                                                                                                                                                                                                                                   |

| Elements         | Performance Criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  | 3.3 Check material for quality prior to pressing and report damaged or incomplete items in accordance with workplace procedures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 4. Press fabrics | 4.1 Lift materials and hold onto press using appropriate techniques<br>4.2 Conduct pressing operations in accordance with planned sequence<br>4.3 Make adjustments to press settings to improve quality of work<br>4.4 Maintain required quantity and quality of work<br>4.5 Protect pressed items from dust and other contaminants and place in workplace approved holding areas<br>4.6 Monitor pressing process and report on materials and equipment operating conditions that may affect product quality in accordance with workplace procedures<br>4.7 Implement authorised changes in operating procedures and temperatures in accordance with workplace procedures |
| 5. Complete task | 5.1 Check, clean and store equipment in accordance with equipment instructions and workplace procedures<br>5.2 Tag unserviceable equipment, identify faults and inform appropriate personnel in accordance with workplace procedures<br>5.3 Clean work area and safely dispose of waste in accordance with workplace procedures and environmental standards<br>5.4 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 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 MSFSF2005 Operate a steam press.

## 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 MSFSF2016 Operate a steam press

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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:

- press at least 5 different types of materials, including all of the following, to workplace quality standards:
  - plain fabrics
  - patterned fabrics
  - lining materials
  - leather.

### Knowledge Evidence

There must be evidence the candidate has knowledge of:

- types of steam press and their characteristics
- effects of steam on different materials
- procedures for minimising damage to and maintaining contaminant-free pressed fabrics
- aspects of the role that require task planning, including:
- required temperatures and warm up/cool down times
  - key parts of the materials to be pressed which require checks for quality of work
  - work area housekeeping requirements
  - safe and suitable work area
- factors that may impact steam press operations and holding or lifting material, including:
  - machine type
  - personal right or left-hand preference of the operator
  - manipulation requirements for the materials
  - special pressing requirements for different parts of the pressed panels
- work health and safety requirements, including personal protective equipment (PPE) and manual handling procedures.

## 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 required for performance evidence, including:
  - work orders
  - items to be pressed with care labels
  - steam pressing equipment
  - 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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