



Australian Government

MSTGN2016 Use steaming and pressing equipment in TCF production

Release: 1

MSTGN2016 Use steaming and pressing equipment in TCF production

Modification History

Release 1. Supersedes and is equivalent to MSTGN2001 Use steaming and pressing equipment in TCF production.

Application

This unit of competency describes the skills and knowledge required to use steaming and pressing equipment in textile or clothing production operations, dry cleaning, laundry operations and millinery. It applies to production, servicing and presentation according to the requirements and standards of the relevant textile, clothing and footwear (TCF) industry sector.

This unit applies to pressing work that requires knowledge of a wide range of fabrics or more complex articles, where the position and handling of work are under the control of the operator and operator skills contribute to the final appearance and finish of the work.

Work may be conducted in small to large scale enterprises and may involve individual and team activities.

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

Pre-requisite Unit

Nil

Competency Field

Generic

Elements and Performance Criteria

Elements <i>Elements describe the essential outcomes.</i>	Performance Criteria <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Determine job requirements	1.1 Identify job requirements from work information 1.2 Identify hazards associated with steaming and pressing 1.3 Use appropriate personal protective equipment (PPE) in accordance with standard operating procedures (SOPs) 1.4 Comply with work health and safety requirements at all times

Elements <i>Elements describe the essential outcomes.</i>	Performance Criteria <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Prepare to use steaming and pressing equipment	2.1 Prepare work area in accordance with industry production sector and workplace procedures 2.2 Select, check and inspect steaming and pressing equipment and workstation and confirm operational readiness 2.3 Identify materials to be steamed or pressed and their performance characteristics
3. Test pressing and steaming equipment	3.1 Test steaming of material samples based on composition and construction of materials 3.2 Test pressing of material samples based on composition and construction of materials 3.3 Adjust settings on pressing and steaming equipment based on job requirements 3.4 Identify, report and address operational problems with equipment in accordance with workplace procedures
4. Use steaming and pressing equipment	4.1 Conduct steaming and pressing based on testing of material samples and in accordance with manufacturer instructions 4.2 Engage steaming and pressing equipment to form, adjust, finish and present articles to required workplace standards 4.3 Disengage steaming and pressing equipment in accordance with manufacturer instructions

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

- Reading skills to interpret work instructions, SOPs and manufacturer instructions and key requirements of industry standards
- Numeracy skills to interpret temperature gauges of steaming and pressing equipment.

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 MSTGN2001 Use steaming and pressing equipment in TCF production.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>

Assessment Requirements for MSTGN2016 Use steaming and pressing equipment in TCF production

Modification History

Release 1. Supersedes and is equivalent to MSTGN2001 Use steaming and pressing equipment in TCF production.

Performance Evidence

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

- worked safely when using pressing and steaming equipment
- used equipment to steam and/or press 5 different articles, including:
 - identifying material characteristics
 - testing material samples
 - operating equipment in accordance with manufacturer instructions.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- hazards and risks associated with pressing and steaming work, and how each is managed
- material types, relevant to the workplace, and their reaction to heat, steam, time and pressure, including:
 - drying time
 - elasticity
 - shrinking
 - stretching
 - tension
- manufacturer instructions for:
 - conditions of warranty
 - limitations of usage
 - minor maintenance procedures
 - suggested temperature, timing and moisture for various materials
 - troubleshooting
- operation of steaming and pressing equipment to form, adjust, finish and present garments or items specific to the workplace
- purpose of steaming and pressing equipment and consumables, including:
 - distilled water
 - hairdryer

- hot block
- industrial pressing station
- industrial steam irons
- ironing board
- irons
- millinery steamer
- presses
- pressing cloth
- pressing pad or roll
- sleeve board
- sleeve roll
- vacuum boards
- equipment testing and checking procedures
- material samples testing:
 - testing on a small piece of material at various heat settings to ascertain optimum settings (temperature and time) for the material
 - test material reaction to steam or water
- procedures to engage and disengage tools and equipment:
 - turning-on electricity source
 - setting temperature and timing devices
 - pre-heating
 - turning off power source
 - allowing equipment to cool before storage
 - emptying water reservoir
 - cleaning equipment
 - disassembling parts ready for storage
- steaming and pressing presentation for finished items.

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:
 - a production environment set up with steaming and pressing equipment and related standard operating procedures (SOPs)
 - articles to be pressed or steamed.

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

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>