



Australian Government

MSTAT2007 Use specialised machinery to support apparel and textile production

Release: 1

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Modification History

Release 1. Unit code, Title and Application changed. Title changed to reflect new nomenclature. Elements and Performance Criteria simplified with Element 1 and 2 combined. Foundation Skills field populated. Range of Conditions removed with relevant information moved to Knowledge Evidence. Assessment Requirements clarified with generic foundation skills statements moved to appropriate section and duplication with Performance Criteria removed. Supersedes and is equivalent to MSTCL2005 Use specialised machinery or processes to assist TCF production.

Application

This unit describes the skills and knowledge required to safely operate machinery that supports basic assembly, production and finishing processes for textile products such as cutting, buttonholing, stud, fusing or gluing or backing machines. It does not include materials handling equipment, such as forklifts or specialised textile production machines for weaving, spinning, knitting, tufting, creeling or dyeing.

This unit applies to work that may be repetitive and require a limited range of operations.

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

Apparel and Textile Production

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 operation	1.1 Identify task requirements from work instructions 1.2 Identify and comply with workplace health and safety requirements 1.3 Prepare work area and check work against workplace specifications 1.4 Follow workplace procedures for machine start-up and make required adjustments to suit work task 1.5 Complete trial runs to check machine operation, accuracy and quality of finished work and report any problems to supervisor

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
2. Operate machine	2.1 Operate machine in accordance with manufacturer recommendations 2.2 Check machine during production and adjust to ensure optimum performance 2.3 Perform routine checks and carry out minor maintenance in accordance with workplace procedures
3. Complete work	3.1 Confirm that work complies with quality standards and specifications 3.2 Identify and report any machine or production faults 3.3 Process completed items for next operation or final finishing in accordance with specifications 3.4 Report outcomes in accordance with workplace procedures

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
- Numeracy skills to interpret work instructions associated with simple numbers or measurement.

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 MSTCL2005 Use specialised machinery or processes to assist 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 MSTAT2007 Use specialised machinery to support apparel and textile production

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Performance Evidence

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

- safely operate at least one of the following types of machines on at least two occasions, completing work to specifications and workplace quality standards:
 - buttonholing machine
 - fusing machine
 - gluing machine
 - moulding machine
 - pocket setting
 - stud machine
 - ticket or label printer.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- basic characteristics of the types of machines that support basic assembly, production and finishing tasks in apparel and textile production
- for one of the machines nominated in the Performance Evidence:
 - operating features
 - safety and hazard control, including use of personal protective equipment (PPE) and manual handling
 - how the characteristics of textiles, fabrics, threads and other materials affect the machining process
 - routine problems that may occur and how to respond
 - ways to minimise waste
- workplace procedures for reporting of information.
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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 instructions
 - items for processing
 - machinery for apparel or textile production (at least one as nominated in the Performance Evidence)
 - workplace procedures.

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

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