



Australian Government

MSTCL2005 Use specialised machinery or processes to assist TCF production

Release: 1

MSTCL2005 Use specialised machinery or processes to assist TCF production

Modification History

Release 1. Supersedes:

- LMTCL2005B Use specialised machinery or processes to assist assembly production
- LMTTX2014B Use specialised machinery to assist textile production

Not equivalent

Application

This unit of competency covers the skills and knowledge required to use specialised machinery to assist in assembly production and completion of garments textiles and other textile products.

The unit of competency applies to the skills needed to operate production machinery which is not covered by other textile, clothing or footwear (TCF) production units, such as cutting, button holing, stud, fusing or gluing or backing machines, and others.

It does not include:

- materials handling equipment, such as forklifts
- machines for weaving, spinning, knitting, tufting, creeling, dyeing, packing, folding and finishing operations
- the set-up or maintenance of machinery where such tasks are normally performed by textile mechanics, fitters or electricians.

The unit of competency applies to work that may be repetitive and require a limited range of operations. Tasks may be pre-set and the operator must be able to work accurately to achieve required specifications.

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

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Competency Field

Clothing production

Unit Sector

Not applicable

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

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|---|---|-----|--|
| 1 | Determine job requirements | 1.1 | Follow standard operating procedures (SOPs) |
| | | 1.2 | Comply with work health and safety (WHS) requirements at all times |
| | | 1.3 | Use appropriate personal protective equipment (PPE) in accordance SOPs |
| | | 1.4 | Identify job requirements from specifications, drawings, job sheets or work instructions |
| | | | |
| 2 | Prepare to use specialised machinery | 2.1 | Prepare work area and check work against ticket information or workplace specifications |
| | | 2.2 | Lay out work pieces or materials in sequence |
| | | 2.3 | Prepare ancillary work according to workplace procedures and set up machine or process |
| | | 2.4 | Prepare and adjust specialised machine according to the specifications for the work |
| | | 2.5 | Report and record any problems |
| | | | |
| 3 | Operate specialised machine | 3.1 | Operate specialised machine to complete production tasks according to workplace procedures |
| | | 3.2 | Assess work to check it complies with quality standards and production specifications |
| | | 3.3 | Check machine during production and adjust to ensure optimum performance |
| | | 3.4 | Perform routine checks and carry out minor maintenance according to workplace procedures |

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|----------|----------------------|--|
| 4 | Complete work | 4.1 Assess production outputs to check work complies with quality standards, production specifications and workplace procedures |
| | | 4.2 Identify, report and record any machine or production faults |
| | | 4.3 Despatch completed items to next operation |
| | | 4.4 Report outcomes or complete documentation, as required |

Foundation Skills

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

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Workplace procedures include one or more of the following:

- requirements prescribed by legislation, awards, agreements and conditions of employment
- SOPs
- work instructions
- oral, written and visual communication
- quality practices, including responsibility for maintenance of own work quality and contribution to quality improvement of team or section output
- housekeeping
- tasks related to environmental protection, waste disposal, pollution control and recycling
- WHS practices

Australian Standards include:

- the relevant industry or Australian Standards that are current at the time this unit is being undertaken

Prepare to use specialised

- receive work pieces, check specification sheets and plan

machines includes the following:

- follow-up action
- lay out work pieces in sequence
- set up workbench and seating according to workplace procedures
- perform routine minor maintenance according to manufacturer specifications
- report and record any problems

Equipment includes one or more of the following:

- moulding machine
- fusing machine
- gluing machine
- ticket or label printer
- button holing machine
- stud machine
- fusing or gluing or backing machine
- labelling machine
- bevelling machine
- cutting machine
- cuff turner and fuser
- pocket setting machine

Production tasks include one or more of the following:

- cutting
- gluing
- fusing
- moulding
- making tickets or labels
- bundling cut work
- placing tickets and labels with cut work
- loading and unloading machines

Unit Mapping Information

Release 1. Supersedes:

- LMTCL2005B Use specialised machinery or processes to assist assembly production
- LMTTX2014B Use specialised machinery to assist textile production

Not equivalent

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 MSTCL2005 Use specialised machinery or processes to assist TCF production

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria, and include:

- reading and following work instructions, standard operating procedures (SOPs), safe work practices
- applying relevant standards
- preparing workstation and work before commencing operations
- checking work against job specifications and workplace standards
- operating one (1) or more specialised machines to assist textile, clothing and footwear (TCF) production on at least two (2) occasions
- applying machine operation techniques according to machine specifications and workplace requirements to complete work
- carrying out minor machine maintenance according to workplace procedures
- assessing production outputs to check work complies with quality standards and production specifications
- identifying, reporting and recording any machine or production faults
- applying workplace procedures
- providing oral or written reports according to workplace requirements.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- relevant Australian Standards
- specialised machinery, such as:
 - moulding machine
 - fusing machine
 - gluing machine
 - ticket or label printer
 - button holing machine
 - cuff turner and fuser

- pocket setting
- button sewer
- operating and routine maintenance procedures for specialised machines
- characteristics of textiles, fabrics, threads and other materials used in TCF operations and product assembly
- quality standards and practices
- workplace procedures
- recording and reporting practices.

Assessment Conditions

- Assessors must:
 - satisfy the assessor competency requirements that are in place at the time of the assessment, as set by the VET regulator
 - have vocational competency in using specialised machinery or processes to assist assembly production, at least to the level being assessed, with relevant industry knowledge and experience.
- Assessment should occur in operational workplace situations. Where this is not possible, or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment reflecting realistic operational workplace conditions. This must cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications associated with this unit.

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