



Australian Government

MSTTX2007 Operate a machine for intermediate production support

Release: 1

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Modification History

Release 1. New unit

Application

This unit of competency covers the skills and knowledge required to set up, operate and monitor one type of machine used in a range of textile production operations.

The unit of competency applies to a limited range of machine skills on one machine or machine type and to undertaking operational support tasks directly related to the manufacture of textiles. It provides the skills and knowledge required to work under supervision within a production environment. The unit applies to breadth and depth of knowledge of machine production in a defined range of situations in a support role. It includes skills to solve a defined range of problems by applying known solutions.

The application of the unit of competency and the evidence requirements may focus on one or more industry sectors, workplace contexts and machine types and will be determined by operational conditions and production requirements.

Work is conducted according to defined procedures. Work may be conducted in small to large scale enterprises and may involve individual and team related activities.

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

Pre-requisite Unit

Nil

Competency Field

Textile 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 | 1.1 | Follow standard operating procedures (SOPs) |
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requirements		1.2	Comply with work health and safety (WHS) requirements at all times
		1.3	Use appropriate personal protective equipment (PPE) in accordance with SOPs
		1.4	Identify job requirements from specifications, drawings, job sheets or work instructions
2	Prepare to operate one type of TCF machine	2.1	Check specifications to identify materials and process required
		2.2	Identify machine processes and operational stages
		2.3	Calculate and adjust machine settings to meet requirements for production
		2.4	Identify and undertake preliminary operations, as required, and follow required procedures to prepare materials and equipment
		2.5	Load materials for processing according to machine requirements and manufacturer specifications
		2.6	Keep machine and components, and area around machine clean during preparation and loading and apply relevant WHS practices
		2.7	Check machine safety equipment, and identify and recognise risks and potential hazards
3	Operate and monitor one type of machine	3.1	Start, operate, stop, re-start and monitor machine operations in accordance with manufacturer requirements to produce textile material or product
		3.2	Monitor and coordinate materials according to enterprise procedures
		3.3	Sort waste and clean machine according to enterprise procedures
		3.4	Identify and report minor faults in materials, process and machine, where necessary, to maintain quality standards
		3.5	Check machine in the event of stoppage and follow procedures for re-starting machine

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| | | 3.6 | Report major machine or product faults |
| 4 | Complete and finalise operations | 4.1 | Unload or remove textile material or product according to manufacturer specifications and workplace procedures |
| | | 4.2 | Check output of machine or product against quality specifications, identify and rectify routine faults or non-conformance and report according to workplace procedures |
| | | 4.3 | Despatch product to next process according to production sequence |
| | | 4.4 | Complete production records and other documentation, according to workplace procedures |

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
 - PPE
 - 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
- Monitor and coordinate materials according to enterprise procedures may include but is not limited to:**
- sorting waste and cleaning area to ensure work environment is maintained in a safe productive manner

WHS practices

WHS practices must include hazard identification and control, risk assessment and implementation of risk reduction measures specific to the tasks described by this unit, and include one or more of the following:

- hazard identification
- induction training
- hazard control
- risk assessment
- implementing risk reduction measures specific to the tasks
- manual handling techniques
- SOPs
- PPE
- safe materials handling
- taking of rest breaks
- ergonomic conditions of workplace
- following marked walkways
- safe storage of equipment
- housekeeping to keep work area safe
- reporting accidents and incidents
- environmental practices
- safe disposal of chemical and hazardous substances

Unit Mapping Information

Release 1. New unit

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>