



Australian Government

MSTGN4001 Coordinate or set up machines for product change

Release: 1

MSTGN4001 Coordinate or set up machines for product change

Modification History

Release 1. Supersedes:

- LMTGN4001A Coordinate or set up machines for product change - Equivalent
- LMTGN4009A Set and modify machines for product change - Equivalent
- LMTLA4002A Program and monitor commercial laundry machine control systems - Not equivalent.
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Application

This unit of competency covers the skills and knowledge required to set up machines for production changes in a textiles, clothing and footwear (TCF) enterprise.

This unit of competency applies to a TCF enterprise where discretion and judgement may be required, for both self and others, in planning and selecting processes, procedures or outcomes.

This unit of competency is applicable to all sectors of the TCF industry.

Work may be conducted in small to large scale enterprises and may involve individual and team activities. Work is performed within defined procedures under direct supervision.

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

Pre-requisite Unit

Nil

Competency Field

Generic

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.

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 with standard SOPS
	1.4	Identify job requirements from specifications, drawings, job sheets or work instructions
2	Prepare to coordinate or set up machines	2.1 Interpret product specifications correctly to meet machine setting requirements 2.2 Set machine in accordance with product specifications, machine manufacturer instructions and workplace procedures 2.3 Obtain material to be used
3	Organise sample quality testing	3.1 Operate machine in accordance with manufacturer and workplace instructions to produce a specified sample 3.2 Test sample, or organise the test, in accordance with workplace practices to meet required quality standards
4	Finalise and record machine settings	4.1 Interpret test results to determine adjustment requirements and re-adjust machine settings, if necessary 4.2 Assess adjustment changes in accordance with product and machine specifications 4.3 Inform appropriate production personnel when the newly set-up machine is available, in accordance with workplace procedures 4.4 Prepare reports and maintain records where necessary, in accordance with 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
- 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

Machines include, but are not limited to, one or more of the following:

- any machine typically used in the TCF sector concerned
- microprocessor or computer-controlled machines
- both production and facility equipment used in the enterprise

Unit Mapping Information

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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 MSTGN4001 Coordinate or set up machines for product change

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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
- interpreting specifications for machine settings
- interpreting and carrying out established procedures
- operating machine in accordance with manufacturer and workplace instructions to produce specified sample on at least two (2) occasions
- arranging or conducting testing of sample
- making appropriate re-adjustments
- communicating with relevant production personnel when the newly set up machine is available
- applying workplace procedures in production operations
- preparing reports and maintaining accurate records.

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
- setting up and adjustment requirements for the range of machines and equipment used in the workplace
- quality requirements
- machine manufacturer specifications
- safety and environmental aspects of relevant workplace activities
- quality 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 coordinating or setting up machines for product change, 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.
- The unit is applicable to all TCF sectors and assessment must ensure it is delivered to suit the industry it is being applied to.

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