



Australian Government

MSTGN4015 Coordinate or set-up machines for product change

Release: 1

MSTGN4015 Coordinate or set-up machines for product change

Modification History

Release 1. Supersedes **and is equivalent to** MSTGN4001 Coordinate or set up machines for product change.

Application

This unit of competency describes the skills and knowledge required to set up machines for production changes in a textiles, clothing and footwear (TCF) enterprise. Discretion and judgement may be required, for both self and others, in planning and selecting processes, procedures and 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.

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. Prepare to coordinate or set up machines	1.1 Determine job and safe work requirements from work information 1.2 Interpret product specifications correctly to determine machine setting requirements 1.3 Set machine in accordance with product specifications, machine manufacturer instructions and workplace procedures 1.4 Prepare raw material to be used based on production requirements
2. Organise sample quality testing	2.1 Operate machine in accordance with manufacturer and workplace instructions to produce a specified sample 2.2 Test sample, or organise the test, in accordance with workplace

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	practices to meet required quality standards
3. Finalise and record machine settings	3.1 Interpret test results to determine adjustment requirements and re-adjust machine settings to suit 3.2 Assess adjustment changes in accordance with product and machine specifications 3.3 Inform appropriate production personnel when the newly set-up machine is available, in accordance with workplace procedures 3.4 Prepare reports and maintain records in accordance with workplace procedures

Foundation Skills

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

- Problem solving skills to identify and rectify faults and inconsistencies in product.

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** MSTGN4001 Coordinate or set up machines for product change.

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 MSTGN4015 Coordinate or set-up machines for product change

Modification History

Release 1. Supersedes **and is equivalent to** MSTGN4001 Coordinate or set up machines for product change.

Performance Evidence

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

- set up, or coordinated the set-up, of machines for 2 different product changes, including:
 - interpreting specifications for machine settings
 - operating machine in accordance with manufacturer and workplace instructions to produce specified samples
 - testing samples, or arranging samples to be tested
 - making appropriate re-adjustments, based on test results
 - communicating effectively with operators.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- key requirements of Australian or industry standards relevant to product and industry sector
- set-up and adjustment requirements for the range of machines and equipment used in the workplace, including microprocessor and computer-controlled machines
- machine manufacturer specifications
- purpose of tests carried out on samples and format of test results
- quality requirements for product
- work, health and environmental requirements relevant to workplace activities
- workplace recording and reporting practices.

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 relevant standard operating procedures (SOPs), safety information and equipment

- raw materials specific to product.

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

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