



Australian Government

Department of Education, Employment and Workplace Relations

LMTGN4001A Coordinate or set up machines for product change

Revision Number: 1

LMTGN4001A Coordinate or set up machines for product change

Modification History

Not applicable.

Unit Descriptor

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

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

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.

The unit is applied according to OHS and workplace practices of the enterprise, which may include:

- requirements prescribed by legislation, awards, agreements and conditions of employment
- standard operating procedures
- 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

This unit requires the application of skills associated with problem solving, initiative and enterprise and planning and organising to ensure machine settings and operations achieve required specifications. Communication skills will be used to interpret product specifications, inform personnel and maintain records. Self management skills are used to ensure work meets quality and work standards.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisites

Employability Skills Information

Employability Skills This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Not applicable.

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
1 Set machine/s	1.1 Product specifications are interpreted correctly in relation to machine setting requirements 1.2 Machine is set in accordance with product specifications, machine manufacturer instructions and OHS practices
2 Conduct sample runs	2.1 Material to be used for sampling is obtained 2.2 Machine is operated in accordance with manufacturer and workplace instructions to produce a specified sample
3 Organise sample quality testing	3.1 Sample is tested, or the test is organised, in accordance with workplace practices to ensure required standards of quality are met
4 Re-adjust machine settings to meet requirements	4.1 Test results are interpreted to determine adjustment requirements 4.2 Adjustment changes are assessed in accordance with product and machine specifications 4.3 Appropriate production personnel are informed of the availability of the newly set up machine in accordance with workplace practices
5 Maintain records	5.1 Records are maintained and reports prepared, where necessary, in accordance with workplace practices

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This describes the essential skills and knowledge and their level, required for this unit

Demonstrates knowledge of:

- 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
- OHS practices, including hazard identification and control measures
- quality practices
- workplace practices
- recording and reporting practices

Demonstrates skills to:

- set and operate machines
- test and analyse samples
- apply all the relevant safety practices when working in the industry
- communicate effectively with individuals, work groups and supervisors
- interpret and carry out established procedures
- read, interpret and follow information on work specifications, , standard operating procedures and work instructions and other reference material
- maintain accurate records
- communicate within the workplace
- sequence operations
- meet specifications
- clarify and check task-related information
- carry out work according to OHS practices

Evidence Guide

The Evidence Guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for the Training Package.

Critical aspects of evidence to be considered	Demonstrates skills and knowledge to: • interpret specifications for machine settings • perform sample runs • arrange or conducting testing of sample • make appropriate re-adjustments • apply workplace health and safety policies in production operations • maintain accurate records
Consistency in performance	Consistently applies skills and knowledge when: • organising work • completing tasks • identifying improvements • using workplace practices • using OHS practices • recording and reporting accidents and incidents • assessing operational readiness of equipment used and work processes • recognising and adapting to cultural differences in the workplace, including modes of behaviour and interactions • completing work systematically with attention to detail without damage to goods and equipment
Resource implications	Access is required to real or appropriately simulated situations, including work areas, materials and equipment, and to information on workplace practices and OHS practices.
Context for assessment	Assessment may occur on the job or in an appropriately simulated environment.
Interdependent Assessment	This unit may be assessed independently or in combination with other relevant units.

Range Statement

RANGE STATEMENT

The Range Statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the Performance Criteria, is detailed below. Add any essential operating conditions that may be present with training and assessment depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts.

Legislative/regulatory requirements	All work must comply with relevant Federal and State or Territory legislative or regulatory requirements.
Machines may include:	• any machine typically used in the TCF sector concerned • microprocessor or computer controlled machines • both production and facility equipment used in the enterprise
OHS practices	OHS practices must include hazard identification and control, risk assessment and implementation of risk reduction measures specific to the tasks described by this unit, and may include: • manual handling techniques • standard operating procedures • personal protective equipment • safe materials handling • taking of rest breaks • ergonomic arrangement of workplaces • following marked walkways • safe storage of equipment • housekeeping • reporting accidents and incidents • other OHS practices relevant to the job and enterprise

Unit Sector(s)

Sector	All
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