



Australian Government

Department of Education, Employment and Workplace Relations

LMTGN4006A Evaluate equipment and systems

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor This unit covers the skills and knowledge required to evaluate equipment and systems in terms of their potential application for specific requirements in a textiles clothing or footwear (TCF) workplace.

Application of the Unit

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This unit applies to the evaluation of equipment and systems in terms of their potential application for specific requirements in a TCF enterprise where judgement may be required in planning and selecting appropriate processes or procedures for self and others.

Activities can relate to existing or proposed new equipment and systems. They may involve:

- identification of production requirements and associated tooling and machinery etc.
- assessing and evaluating the equipment and systems
- making recommendations and preparing reports

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

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/section output
- housekeeping
- tasks related to environmental protection, waste disposal, pollution control and recycling

This unit requires the application of skills associated with planning and organising to ensure equipment meets production requirements. Communication skills will be used to interact with team members, interpret and evaluate data and technical information, and prepare reports and recommendations. This unit also requires problem solving ability to evaluate information and form recommendations relating to equipment use.

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 Determine production requirements	1.1 Steps required for production processes are identified and flow charts produced, where necessary according to OHS practices 1.2 Tooling, machinery and equipment requirements for production are ascertained and documented
2 Gather data and specifications	2.1 Equipment requirements are determined and potential equipment and systems are identified 2.2 Appropriate data on equipment and systems and their performance is obtained and compiled 2.3 Equipment and systems specifications are identified and interpreted
3 Evaluate equipment or system against requirements	3.1 Equipment or system options are determined in consultation with relevant personnel from both the workplace and the manufacturers of the equipment or systems 3.2 Equipment or system options are evaluated against the requirements of the workplace
4 Prepare report and recommendations	4.1 Recommendations are developed to meet requirements of the workplace 4.2 Recommendations are discussed with relevant personnel and appropriate action is taken on the feedback received 4.3 Report of evaluation and associated recommendations is prepared and forwarded according to workplace practices
5 Maintain records	5.1 Records are maintained of analyses and recommended strategies 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:

- evaluation procedures
- equipment and systems capabilities and limitations
- relevant standards
- 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:

- determine requirements and scope of evaluation
- perform calculations and prepare reports
- interpret and analyse performance data
- communicate effectively with individuals, work groups and supervisors
- prepare and present reports and information in appropriate formats
- 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 Employability Skills Statement, Elements and Performance Criteria, Range Statement and Assessment Guidelines for this Training Package.

Critical aspects of evidence to be considered	Demonstrates skills and knowledge to: • assemble and interpret data • produce flow charts for production process steps • assess and evaluate equipment or system • develop recommendations for improvement or modifications • apply OHS practices in work 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.

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