



Australian Government

Department of Education, Employment and Workplace Relations

LMTEW2005A Perform wool preparation using gilling machines

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor This unit covers the skills and knowledge required to prepare wool for further processing using wool gilling machines and associated equipment.

Application of the Unit

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This unit applies to the setting up and operation of gilling machines and associated equipment. Operator maintenance of gilling machines and equipment, which may be scheduled or unscheduled and may vary according to workplace requirements. Work is conducted under limited supervision with the exercise of initiative, discrimination and judgement. Occasional supervision of other personnel may be required.

Work may be conducted in a variety of environments, such as:

- operational workplace activities
- hazardous, controlled or exposed conditions

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

The application of this unit is according to OHS practices of the enterprise and workplace practices, 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 planning and organising the safe and effective use of wool gilling processes and technology. This unit also requires an ability to interpret and communicate job related information such as batch instructions and production records, check the quality of outcomes and identify and address problems relating to own work.

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

ELEMENT	PERFORMANCE CRITERIA
1 Operate wool gilling machines and equipment	<p>1.1 All necessary settings and preparation for machine or equipment operation are identified and assessed in accordance with specifications and workplace standard procedures</p> <p>1.2 Work area around machine or equipment is cleaned and maintained to meet workplace and <i>OHS practices</i></p> <p>1.3 Gilling machinery and associated equipment is started</p> <p>1.4 Tubs, cans and creels are changed as required</p> <p>1.5 Gilling machinery and associated equipment is stopped or shut down in accordance with all OHS and workplace standard operating procedures</p>
2 Carry out operator maintenance	<p>2.1 Minor running problems are identified, corrected by the operator where appropriate, and reported</p> <p>2.2 Major <i>machine and equipment</i> or product faults are reported in accordance with enterprise standard procedures</p> <p>2.3 Minor maintenance and cleaning are performed in accordance with manufacturer specifications and/or enterprise procedures</p>
3 Monitor product quality	<p>3.1 Quality requirements of gilled wool are correctly identified and applied for all stages of the process</p> <p>3.2 Wool flow is monitored to meet workplace standard operating procedures and quality requirements</p> <p>3.3 Blending is monitored to ensure blending consistency and feed uniformity</p> <p>3.4 Wool quality is visually checked to ensure standard is maintained</p> <p>3.5 Any deviations from normal are recognised, isolated and reported</p> <p>3.6 Expertise of colleagues is accessed to address quality issues and expand own knowledge, as required</p>
4 Dispose of waste materials	<p>4.1 Waste is kept to a minimum through correct application of workplace lot change and run out procedures</p> <p>4.2 Waste is recycled where possible</p> <p>4.3 Machine waste is disposed of in accordance with environmental and safety procedures</p> <p>4.4 Environmental requirements and procedures concerned with waste, pollution and recycling of materials are correctly applied at all stages of the process</p>
5 Communicate production information	<p>5.1 Records and other documentation are clearly and accurately completed</p> <p>5.2 Information from other operators, shifts and supervisory personnel regarding production status and problems is accurately interpreted by the operator</p>

ELEMENT**PERFORMANCE CRITERIA**

5.3 Information regarding production status and problems is accurately communicated to other operators, shifts and supervisory personnel

Required Skills and Knowledge

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

Demonstrates knowledge of:

- principles of operating gilling machines and associated equipment
- requirements for machine setting and adjustment
- systems of blending
- air filtration and waste management processes
- product quality standards
- safety and environmental aspects of relevant workplace processes
- general housekeeping policies and procedures including relevant cleaning agents and equipment
- OHS practices, including hazard identification and control measures
- quality practices
- workplace practices
- practices for recording and reporting

Demonstrates skills to:

- set and operate machines
- perform operator maintenance of machines and work area
- use relevant hand tools
- use cleaning agents and dispose of waste products
- document and transfer information
- 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: <ul style="list-style-type: none">• comply with all relevant safety requirements• interpret work orders and product requirements• operate gilling machines and associated equipment• monitor processes and operation of gilling machines and associated equipment, including application of quality standards criteria and recognition of non-conforming outcomes• perform operator maintenance of gilling machines and associated equipment including settings and adjustments• perform operator maintenance of work area• document and communicate work related information including reporting of non-conforming outcomes and other problems
Consistency in performance	Consistently applies skills and knowledge when: <ul style="list-style-type: none">• 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 if 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.

Machine and equipment may include

- gilling machines
- air filtration equipment
- blending systems
- oil sprayer

Materials, hand tools and equipment may include

- cleaning equipment
- detergents and other chemicals
- hand tools (including hook knife) and power tools normally applicable to the tasks
- hand trolleys
- pallet trucks
- hydraulic lifter

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 Textile Production