



Australian Government

Department of Education, Employment and Workplace Relations

LMTCG2003A Control bale or mote press operations

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit covers the skills and knowledge required to control bale or mote press operations in the cotton ginning process including determining parameters such as final moisture content and standardisation of bale weights.
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Application of the Unit

Application of the Unit

This unit applies to controlling the bale or mote press operation in a cotton gin including determining moisture content and bale weight.

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 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 for safe and effective use of bale or mote press technology and operations. This unit also requires an ability to interpret job specifications and communicate process information to other members of the team, check the quality of outcomes and identify and address problems relating to own work, materials or machinery.

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 bale or mote press	1.1 All necessary settings and preparation for machinery operation are identified and assessed in accordance with specifications 1.2 Press machinery is started in accordance with workplace standard operating procedures 1.3 Monitor the feed of lint in the lint slide to the press 1.4 Bale tie system is fed in accordance with manufacturer procedures 1.5 Work area around machinery is cleaned and maintained to meet workplace and OHS practices 1.6 Machinery is stopped or shut down in accordance with all safety and workplace standard operating procedures
2 Carry out operator maintenance	2.1 Minor running problems are identified and reported 2.2 Major machinery or product faults are reported 2.3 Minor maintenance and cleaning are performed in accordance with manufacturer specifications
3 Dispose of waste materials	3.1 Waste is kept to a minimum through correct application of workplace run out procedures 3.2 Waste is recycled where possible 3.3 Machine waste is disposed of in accordance with environmental and safety procedures
4 Monitor product quality	4.1 Quality requirements for producing cotton bales are correctly identified and applied for all stages of the process 4.2 Bale quality is visually checked continuously to ensure standard is maintained 4.3 Final moisture content and weight of bale are monitored 4.4 Any deviations from normal are recognised, isolated and reported
5 Communicate process information	5.1 Records and other documentation are clearly and accurately completed where required 5.2 Information regarding production status or problems is accurately transferred between changes in shifts

Required Skills and Knowledge

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

Demonstrates knowledge of:

- industry and product processes and equipment
- machinery preparation, operation, maintenance procedures and level of operator responsibility
- quality requirements for each stage of the process
- procedures for monitoring of moisture, bale weight and other quality requirements
- reasons for variation in moisture, bale weight and other quality requirements
- safety and environmental aspects related to machinery operation and handling of materials
- waste disposal procedures
- OHS practices, including hazard identification and control measures
- quality practices
- types of contamination
- workplace practices
- practices for recording and reporting

Demonstrates skills to:

- interpret specifications and set machine for operation
- test and monitor moisture content of bales
- weigh bales
- identify minor running problems and perform operator maintenance
- provide information in the form and detail required, particularly regarding production status/problems and between shift changes
- apply the quality requirements for each stage of the process
- identify, interpret, and assess procedures
- analyse and evaluate 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:

- prepare and operate pressing machinery
- monitor product and process quality
- undertake basic maintenance of machinery
- dispose of waste appropriately
- transfer relevant information between shift changes, where required

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 and 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	Cotton Ginning
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