



Australian Government

Department of Education, Employment and Workplace Relations

LMT20407 Certificate II in Cotton Ginning

Release: 2

LMT20407 Certificate II in Cotton Ginning

Modification History

Release 2 - imported units updated to current versions, outcomes equivalent.

Description

Job roles/employment outcomes

Certificate II in Cotton Ginning reflects vocational outcomes for those performing a limited range of technical and operational tasks within a cotton ginning environment. Some multi-skilled roles can be accommodated in this qualification.

Application

This qualification is typically used to develop skill and knowledge in the operations of cotton ginning enterprises. Work is generally supervised.

Pathways Information

Pathways into the qualification

Direct entry into this qualification requires completion of a total of thirteen (13) units of competency according to the rules described below.

Units that have been achieved through completion of the LMT11107 Certificate I in Textiles Clothing and Footwear may be credited towards the Certificate II when they are also included in the unit lists for this qualification.

Pathways from the qualification

Further training pathways from this qualification include LMT30307 Certificate III in Cotton Ginning or other relevant manufacturing qualifications.

Licensing/Regulatory Information

There are no specific licences that relate to this qualification. However, some units in this qualification may have licensing or regulatory requirements in some environments. Local regulations should be checked for details.

Entry Requirements

Not applicable.

Employability Skills Summary

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

Employability Skills Summary - Certificate II in Cotton Ginning

The following table contains a summary of the Employability Skills as identified by the Cotton Ginning industries for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that reflect skill requirements for this level.

| Employability Skill | Industry/enterprise requirements for this qualification include: |
|----------------------------------|---|
| Communication | <ul style="list-style-type: none"> • communicate with others on ginning operations • interpret specifications and standard operating procedures for cotton ginning machinery • complete standard documentation and maintenance information • use communication technologies efficiently • communicate problems with cotton or machinery • demonstrate effective and appropriate communication skills with colleagues • follow work instructions • read and apply relevant safety information and procedures • interpret workplace procedures and work instructions |
| Teamwork | <ul style="list-style-type: none"> • provide support to others in the work area • work on a variety of machines to support team flow of ginning operations • work as part of a team • undertake appropriate and effective communication with team members and supervisors • identify team performance required to meet production outcomes |
| Problem-solving | <ul style="list-style-type: none"> • identify risks associated with cotton ginning machinery and equipment • report hazards • determine requirements to meet quality standards • recognise and act upon problems and faults with ginning materials, machinery or processes • use personal protective equipment as required • identify and report potential environmental hazards |
| Initiative and enterprise | <ul style="list-style-type: none"> • identify and recommend improvements to own work processes • contribute to meetings |

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

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|--------------------------------|--|
| | <ul style="list-style-type: none">• record information on the quality and other indicators of production performance• report problems outside area of responsibility• monitor and adjust activity in response to operational variations |
| Planning and organising | <ul style="list-style-type: none">• plan work requirements• follow schedules and monitor operations• recognise hazards and follow appropriate hazard control measures• follow washing sequences for a given process or product• identify production and resource requirements• identify and monitor resource use in own work• coordinate activity to meet delivery or collection timetables• identify and use relevant personal protective equipment |
| Self-management | <ul style="list-style-type: none">• keep the work area clean and tidy at all times• conduct regular housekeeping activities• interpret data and information relevant to own ginning operations• monitor own work to ensure quality standards are achieved• conduct work in a manner which minimises waste• understand own work activities and ask questions if required• apply safety procedures, including the use of protective equipment• identify and follow production schedules and work load priorities• follow ginning machine operator instructions |
| Learning | <ul style="list-style-type: none">• ask questions to expand own understanding of work processes or requirements• demonstrate listening skills• identify own skill requirements and seek skill development if required• access operator manuals to assist own learning |
| Technology | <ul style="list-style-type: none">• use manual handling technologies in the workplace• operate ginning machinery• work with technology safely and according to workplace standards |

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

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| | <ul style="list-style-type: none"> • handle and use chemicals correctly and safely • maintain machinery in accordance with organisational procedures |
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Packaging Rules

To be awarded the Certificate II in Cotton Ginning, competency must be achieved in thirteen (13) units of competency.

- Five (5) core units of competency
- Eight (8) elective units of competency as specified below.

Note: Where prerequisite units apply, these have been noted, and must be considered in the total number of units.

CORE UNITS

Complete all five (5) units from this list

| Unit code | Unit title |
|------------|---|
| LMTGN2001B | Follow defined OH&S policies and procedures |
| LMTGN2002B | Apply quality standards |
| LMTGN2003B | Work in the Textiles, Clothing and Footwear industry |
| LMTGN2010B | Perform tasks to support production |
| MSAENV272B | Participate in environmentally sustainable work practices |

ELECTIVE UNITS

Select eight (8) units as specified below.

- A minimum of two (2) units must be selected from Group A
- A maximum of one (1) unit may be selected from Group C
- A maximum of two (2) units may be selected from Group D
- The remainder must be selected from Groups A and B.

GROUP A

| Unit code | Unit title | Prerequisites |
|------------|---------------------------------|---------------|
| LMTCG2001A | Identify cotton characteristics | |

| Unit code | Unit title | Prerequisites |
|------------|---------------------------------------|---------------|
| LMTCG2002A | Gin cotton | |
| LMTCG2003A | Control bale or mote press operations | |

GROUP B

| Unit code | Unit title | Prerequisites |
|------------|---|---------------|
| LMTCG3001A | Identify factors that impact on cotton quality | LMTCG2001A |
| LMTGN2004B | Work in a team environment | |
| LMTGN2008B | Coordinate work of team or section | |
| LMTGN2009B | Operate computing technology in a Textiles, Clothing and Footwear workplace | |
| MEM05004C | Perform routine oxy acetylene welding | |
| MEM05007C | Perform manual heating and thermal cutting | |
| MEM05012C | Perform routine manual metal arc welding | |
| MEM05050B | Perform routine gas metal arc welding | |
| MEM07001B | Perform operational maintenance of machines/equipment | MEM18001C |
| MEM11010B | Operate mobile load shifting equipment | |

| Unit code | Unit title | Prerequisites |
|-----------|--------------------------------------|---------------|
| MEM13001B | Perform emergency first aid | |
| MEM18001C | Use hand tools | |
| MEM18002B | Use power tools/hand held operations | |

GROUP C

| Unit code | Unit title | Prerequisites |
|------------|---|---------------|
| MSS402010A | Manage the impact of change on own work | |
| MSS402001A | Apply competitive systems and practices | |
| MSS402002A | Sustain process improvements | |
| MSS402020A | Apply quick changeover procedures | |
| MSS402021A | Apply Just in Time procedures | |
| MSS402030A | Apply cost factors to work practices | |
| MSS402031A | Interpret product costs in terms of customer requirements | |
| MSS402040A | Apply 5S procedures | |
| MSS402050A | Monitor process capability | |
| MSS402060A | Use planning | |

| Unit code | Unit title | Prerequisites |
|------------|---|---------------|
| | software systems in operations | |
| MSS402061A | Use SCADA systems in operations | |
| MSACMT270A | Use sustainable energy practices | |
| MSS402080A | Undertake root cause analysis | |
| MSS402081A | Contribute to the application of a proactive maintenance strategy | |

GROUP D

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| Other Cotton Ginning units that are available at Certificates II (maximum 2 units) and III (maximum 1 unit) |
| Other TCF Training Package units that are available at Certificates II (maximum 2 units) and III (maximum 1 unit) |
| Units from other endorsed Training Packages and accredited courses that are available at Certificates I (maximum 1 unit), II (maximum 2 units) and III (maximum 1 unit) |