Australian Government

Department of Education, Employment and Workplace Relations

LMT30407 Certificate III in Textile Fabrication

Release: 2

INDUSTRY SKILLS COUNCILS
Creating Australia's Future

LMT30407 Certificate III in Textile Fabrication

Modification History

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

Description

Job roles/employment outcomes
The Certificate III reflects vocational outcomes for those performing supervision roles, specialised technical tasks or multi-skilled roles within a production environment.

Application
This qualification is typically used to develop skill and knowledge in the application of specialised technical, operational and supervisory skills within textile fabrication enterprises.

Pathways Information

Pathways into the qualification
Direct entry into this qualification requires completion of a total of nineteen (19) units of competency according to the rules described below.
Credit may be granted towards this qualification by those who have completed LMT20507 Certificate II in Textile Fabrication or achieved equivalent industry experience.

Pathways from the qualification
Further training pathways from this qualification include LMT40107 Certificate IV in Textile Technology and Production, MSA41108 Certificate IV in Competitive Manufacturing, 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 III in Textile Fabrication** The following table contains a summary of the Employability Skills as identified by the Textile Fabrication 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	• communicate verbally with internal and external clients • complete written documents, job cards, forms, timesheets and quotations • use communication technologies efficiently • communicate production abnormalities • develop work instructions, visuals and signs • demonstrate effective and appropriate communication and interpersonal skills when dealing with people from a range of backgrounds • read, interpret and communicate production schedules • communicate with all team members • use appropriate barriers and signs • perform measurements and calculations to determine work requirements
Teamwork	• work cooperatively with people of different ages, gender, race or religion • liaise with and provide support to other team members • work independently or as part of a team • keep team members informed of changes to work practices • identify team performance required to meet customer needs • provide leadership to others in the team • encourage the sharing of information between team members • plan and support team activities
Problem-solving	• identify and report problems and make contributions to their solution • investigate problem causes • implement changes

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
	• examine tools for damage, missing components or other defects
	• identify and promptly address problems or issues
	• assess quality of work pieces
	• determine effective work practices
	• provide problem solving support to team members
	• identify and report potential environmental hazards

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
Initiative and enterprise	• seek and provide feedback on procedures • gather and analyse information • record information on the quality and other indicators of production performance • adjust and implement production schedules changes • provide leadership • identify and implement process improvements • coordinate work activities and manufacturing processes • monitor workplace performance • use analytical and decision making skills
Planning and organising	• identify hazards and implement appropriate hazard control measures • organise self and others to meet production schedules • identify and rectify stock shortages in advance • sequence work to maximise safety and productivity • select and use appropriate hand and power tools • identify labour requirements to achieve product manufacture and perform required services • monitor resource use in own work • determine materials, chemicals, quality and production requirements • apply time management skills to ensure work flow
Self-management	• interpret and apply relevant acts and regulations • keep the work area clean and tidy at all times • conduct regular housekeeping activities • understand own work activities • manage own time • develop and implement workplace procedures and instructions • locate, interpret and apply information relevant to own work • establish own work schedule • monitor and evaluate own work quality • conduct work in a manner which minimises waste • accept responsibility for quality of work
Learning	• develop learning activities as appropriate • assess competencies in meeting job requirements • identify own training needs and seek skill development if required • listen to feedback from others

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
	• identify sources of information to expand knowledge and understanding
	• identify and address skill development needs of others in the team

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
Technology	• use software applications effectively • properly start up, operate and shut down computers • work with technology safely and according to workplace standards • establish procedures • carry out pre-operational checks on equipment and machines • operate equipment and machines safely, efficiently and to productivity requirements • monitor and adjust machine functions • perform minor maintenance • clean and check equipment and machines

Packaging Rules

To be awarded the Certificate III in Textile Fabrication, competency must be achieved in nineteen (19) units of competency.

- Nine (9) core units of competency
- Ten (10) elective units of competency as specified below.

If Certificate II has been achieved, an additional six (6) units are required. All core units listed must be achieved - any Certificate III core units not achieved at Certificate II must be completed as part of the additional six (6) unit required for the Certificate III. Units that have been credited towards lower level qualifications must not be selected in the additional six (6) unit requirement. A minimum of three (3) of the six (6) units must be selected from Groups A or B.
Note: Where prerequisite units apply, these have been noted, and must be considered in the total number of units.

CORE UNITS
Complete all nine (9) 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
LMTGN3002B	Organise and plan own work to achieve planned outcomes

Unit code	Unit title
LMTTF2005A	Translate information into measurements or diagrams
LMTTF2006A	Measure and scale geometric shapes
LMTTF2009A	Identify and select canvas and sail materials
LMTTF2018A	Use canvas and sail production tools
MSAENV272B	Participate in environmentally sustainable work practices

ELECTIVE UNITS

Select ten (10) units as specified below.

- A minimum of two (2) units must be selected from Group A
- A minimum of two (2) units must be selected from Group B
- A minimum of two (2) units must be selected from Group C
- A maximum of two (2) units may be selected from Group E
- A maximum of three (3) units may be selected from Group F
- The remainder must be selected from Groups A, B and C.

NOTE: Competitive Manufacturing Training Package units, identified in Group E as MSACM coded units, should be selected on the basis of work requirements. Those at Certificate II level (units in the 200 series) are appropriate for operators. MSACM units for those in Certificate III level positions such as team leaders should be selected from both the 200 series and the 400 series.

GROUP A

Unit code	Unit title	Prerequisites
LMTTF3001A	Identify customer requirements (on site)	
LMTTF3002A	Gain customer acceptance of service proposal	
LMTTF3003A	Produce patterns for 3D products	LMTTF2007A
LMTTF3004A	Perform advanced welding of plastic materials	LMTTF2014A
LMTTF3005A	Apply lofting skills to sail making	

Unit code	Unit title	Prerequisites
LMTTF3006A	Cut and join sail panels	

GROUP B

Unit code	Unit title	Prerequisites
LMTGN3001B	Control production in a section of a Textiles, Clothing and Footwear enterprise	
LMTGN3003B	Estimate and cost job	
LMTGN3005B	Plan tasks to assist production operations	
LMTLG3001A	Make a prototype	
LMTTF3001A	Identify customer requirements (on site)	
LMTTF3002A	Gain customer acceptance	
LMTTF3003A	Produce patterns for 3D products	LMTTF2007A
LMTTF3004A	Perform advanced welding of plastic materials	LMTTF2014A
LMTTF3005A	Apply lofting skills to sail making	
LMTTF3006A	Cut and join sail panels	

GROUP C

Unit code	Unit title	Prerequisites
LMTTF2001A	Despatch products	
LMTTF2003A	Package and handle products for despatch	

Unit code	Unit title	Prerequisites
LMTTF2004A	Add reinforcements and attachments	
LMTTF2007A	Produce patterns for 2D products	
LMTTF2008A	Use adhesives	
LMTTF2010A	Lay out and mark out canvas or sail materials	
LMTTF2011A	Cut and shape canvas or sail materials	
LMTTF2012A	Stitch by hand	
LMTTF2013A	Waterproof canvas product	
LMTTF2014A	Weld plastic materials	
LMTTF2016A	Install products on and off-site	
LMTTF2017A	Cut, bend and shape metal	
LMTTF2019A	Inspect canvas or sail product	

GROUP D

Unit code	Unit title	Prerequisites
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry	
CPCCCM2002A	Carry out excavation	*
CPCCCO2013A	Carry out concreting to	*

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Unit code	Unit title	Prerequisites
	simple forms	

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Unit code	Unit title	Prerequisites
LMTCL2001B	Use a sewing machine	
LMTGN2004B	Work in a team environment	
LMTGN2005B	Perform minor maintenance	
LMTGN2008B	Coordinate work of team or section	
LMTGN2009B	Operate computing technology in a Textiles, Clothing and Footwear workplace	
LMTGN2010B	Perform tasks to support production	
LMTLG2006A	Identify materials used in leather goods production	
LMTTX2012B	Perform industrial sewing on textile products	
MEM05012C	Perform routine manual metal arc welding	
MEM05050B	Perform routine gas metal arc welding	
AHCLSC308A	Install metal structures and features	

GROUP E

Unit code	Unit title	Prerequisites

Unit code	Unit title	Prerequisites
MSS402010A	Manage the impact of change on own work	
MSS403010A	Facilitate change in an organisation implementing competitive systems and practices	
MSS402001A	Apply competitive systems and practices	
MSS402002A	Sustain process improvements	
MSS403001A	Implement competitive systems and practices	
MSS403002A	Ensure process improvements are sustained	
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	

Unit code	Unit title	Prerequisites
MSS402060A	Use planning 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	
MSS403021A	Facilitate a Just in Time system	
MSS403030A	Improve cost factors in work practices	
MSS403032A	Analyse manual handling processes	
MSS403040A	Facilitate and improve implementation of 5S	
MSS404050A	Undertake process capability improvements	*
MSS403051A	Mistake proof an operational process	
MSS404052A	Apply statistics to operational processes	
MSS404060A	Facilitate the use of planning software	

Unit code	Unit title	Prerequisites
	systems in a work area or team	
MSS404061A	Facilitate the use of SCADA systems in a team or work area	
MSS404081A	Undertake proactive maintenance analyses	
MSS404082A	Assist in implementing a proactive maintenance strategy	

GROUP F

Other Textile Fabrication units that are available at Certificates II (maximum 1 unit) and III (maximum 3 units)

Other TCF Training Package units that are available at Certificates II (maximum 1 unit), III (maximum 3 units) and IV (maximum 1 unit)

Units from other endorsed Training Packages and accredited courses that are available at Certificates II (maximum 1 unit), III (maximum 3 units) and IV (maximum 1 unit)