Australian Government

Department of Education, Employment and Workplace Relations

MSA20208 Certificate II in Manufacturing Technology

Revision Number: 2

INDUSTRY SKILLS COUNCILS
Creating Australia's Future

MSA20208 Certificate II in Manufacturing Technology

Modification History

Version 2 - MSACM units replaced by MSS units from MSS11v2 Sustainability Training Package.

Description

This qualification applies to a learning and assessment environment where access to normal production operations is not available. A typical environment will be for application in a VET in Schools delivery environment or other simulated or trial manufacturing environment where a high degree of supervision exists. The units are suitable for delivery in a school environment and for schools to contextualize the units to local manufacturing industry activities.

Pathways Information

Not applicable.

Licensing/Regulatory Information

Not applicable.

Entry Requirements

Not applicable.

Employability Skills Summary

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
MSA20208 Certificate II in Manufacturing Technology The following table contains a summary of the employability skills as identified by industry 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	• Access and interpret standardised documentation • Complete all reporting as required • Ask questions to increase understanding about workplace procedures • Read and interpret instructions • Respond to information • Access and use communication tools and equipment • Apply numeracy skills to work procedures
Teamwork	• Work effectively with others • Share information with peers • Understand role of individual within team process • Seek assistance with work operations as required
Problem-solving	• Recognise common problems and report inconsistencies • Monitor the job and make improvements • Respond to routine problems • Recommend improvements
Initiative and enterprise	• Take correct action and follow procedures • Recommend changes and improvements • Take action to make improvements • Adopt changes in accordance with procedures
Planning and organising	• Plan own work • Organise processes, tools and materials • Monitor own work outcomes • Organise and plan activities • Collect and organise information for work activity
Self-management	• Conduct all activities according to safety standards • Maintain housekeeping standards • Achieve planned outcomes within time constraints • Monitor own work performance • Assess own work

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
	• Seek assistance where appropriate
Learning	• Ask questions to aid learning • Identify own skill requirements • Ask questions to ensure understanding of own work requirements
Technology	• Use equipment and/or or information technology • Identify equipment appropriate for job • Use simple measuring devices • Collect and apply data and information from technology

Packaging Rules

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To be awarded a Certificate II in Manufacturing Technology, competency must be achieved in **ten** (**10**) units of competency:

- **five** (**5**) core units of competency
- **five** (**5**) elective units of competency, chosen as described below.

Core units

All **five (5)** of the following units must be completed.

Unit code	Unit title
MSAENV272B	Participate in environmentally sustainable work practices
MSAPMOHS200A	Work safely
MSS402001A	Apply competitive systems and practices
MSS402051A	Apply quality standards
MSS402080A	Undertake root cause analysis

Elective units

Select **five** (**5**) elective units from Groups A, B and C, as described below.

Group A - **Manufacturing practice**

At least one (1) of the following units must be completed but up to four (4) may be selected.

Unit code	Unit title
MSS402002A	Sustain process improvements
MSS402010A	Manage the impact of change on own work
MSS402031A	Interpret product costs in terms of customer requirements
MSS402050A	Monitor process capability

Group B - **Manufacturing Technology***

At least one (1) of the following units must be completed but up to four (4) may be selected.

Unit code	Unit title
MSAPCII295A	Operate manufacturing equipment
MSAPCII296A	Make a small furniture item from timber
MSAPCII297A	Make an object from cloth using an existing pattern
MSAPCII298A	Make an object from metal
MSAPCII299A	Make an object from plastic

Group C

Up to **two** (**2**) elective units can be chosen from other qualifications in this Training Package, other endorsed Training Packages and accredited courses where those units are available at Certificate I or II.

*Note that the manufacturing technology units listed above (coded MSAPCII) have been specifically developed for the Certificate II in Manufacturing Technology. They are designed for use only in a Pathways qualification or Skill Set. They should not be used in other instances as replacements for units that have direct job outcomes.