



**Australian Government**

# **MSS80312 Graduate Diploma of Competitive Systems and Practices**

**Release: 2**

## **MSS80312 Vocational Graduate Diploma of Competitive Systems and Practices**

### **Modification History**

Release 2 - equivalent. Correction of data transfer error - unit MSS407001A reinstated in Group B electives.

## Description

The MSS80312 Vocational Graduate Diploma of Competitive Systems and Practices provides comprehensive professional development training and recognition for people exercising major leadership and accountability for change management functions in an organisation using lean principles and other competitive systems and practices.

### Job roles/employment outcomes

The MSS80312 Vocational Graduate Diploma of Competitive Systems and Practices provides advanced skills and knowledge as professional development for individuals who already have previous vocational training at AQF V or higher and/or work experience in competitive systems and practices as a manager or technical specialist role in an organisation.

### Application

This qualification provides advanced skills and knowledge in competitive systems and practices with an emphasis on development of the value chain competitive systems and of a supporting culture within an organisation. It builds on previously acquired skills and knowledge and applies to managers and technical experts responsible for implementing competitive systems and practices in an organisation or who are working in part of a value chain linked to an organisation implementing competitive systems and practices.

The qualification provides professional development training for individuals who already have training and/or experience in competitive systems and practices and is not suitable where initial training in competitive systems and practices is sought.

## Pathways Information

### Pathways into the qualification

The MSS80312 Vocational Graduate Diploma of Competitive Systems and Practices has been particularly developed to offer a progression pathway for people who have one or more of the following:

- a Vocational Graduate Certificate qualification in Competitive Systems and Practices
- a Vocational Graduate Certificate qualification in Competitive Manufacturing
- a Diploma or Advanced Diploma qualification in Competitive Systems and Practices
- a Diploma or Advanced Diploma qualification in Competitive Manufacturing
- a Certificate IV qualification in Competitive Systems and practices or a Certificate IV qualification in Competitive Manufacturing combined with relevant industry experience
- substantial industry experience at supervisory or managerial level in administration, operations, office administration, logistics or manufacturing processes, and prior exposure and experience with competitive systems and practices.
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## Licensing/Regulatory Information

There are no licensing implications for this qualification.

## Entry Requirements

Entrants to the MSS80312 Vocational Graduate Diploma of Competitive Systems and Practices are required to have one or more of the following:

- MSS70312 Vocational Graduate Certificate in Competitive Systems and Practices
- a relevant Advanced Diploma or Diploma qualification
- a relevant Certificate IV qualification together with significant relevant vocational practice at a team leader/technical specialist role or higher in an organisation
- relevant extensive vocational practice without formal qualifications
- a relevant Bachelor Degree
- another higher education qualification, with relevant vocational practice.

A relevant qualification that would support entry to the MSS80312 Vocational Graduate Diploma of Competitive Systems and Practices should include aspects of administration, operations, office administration, logistics or manufacturing processes, including features such as productivity measurement, efficiency and effectiveness.

For the purposes of this qualification the term 'vocational practice' is defined as experience in an organisation implementing competitive systems and practices with responsibility for implementation for a team, area, site or part of the value chain of the organisation.

## Employability Skills Summary

The following table contains a summary of the employability skills as identified by manufacturing 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:
<b>Communication</b>	<ul style="list-style-type: none"> <li>• Consult with internal and external stakeholders on the implementation of change</li> <li>• Communicate processes and goals to managers, other employees and members of the value chain</li> <li>• Use interpersonal and language skills to encourage collaboration</li> <li>• Through discussion with team members, identify new improvement opportunities</li> </ul>
<b>Teamwork</b>	<ul style="list-style-type: none"> <li>• Cultivate collaboration and participation in change processes</li> <li>• Meet with stakeholders to resolve problems</li> <li>• Establish support and ownership among stakeholders for future state objectives</li> </ul>
<b>Problem solving</b>	<ul style="list-style-type: none"> <li>• Collect, analyse and interpret data</li> <li>• Determine root causes of non-conformances</li> <li>• Evaluate options for improvements to standardised work</li> </ul>

	<ul style="list-style-type: none"> <li>Analyse effects of potential and actual equipment failures</li> </ul>
<b>Initiative and enterprise</b>	<ul style="list-style-type: none"> <li>Ensure data collection and feedback mechanisms are established for all change implementation processes</li> <li>Provide leadership during major non-conformances</li> <li>Identify and implement process improvements</li> <li>Use analytical and decision making skills to prioritise improvement activities</li> <li>Adjust and implement production or process schedule changes</li> </ul>
<b>Planning and organising</b>	<ul style="list-style-type: none"> <li>Identify data requirements to determine current and future states</li> <li>Organise data collection systems</li> <li>Establish team responsibilities for implementation of change</li> <li>Plan change implementation strategy and identify risk factors</li> </ul>
<b>Self-management</b>	<ul style="list-style-type: none"> <li>Manage own time and establish own work schedule</li> <li>Monitor and evaluate own work quality</li> <li>Maintain professional and ethical standards in own work</li> <li>Comply with legislative requirements, codes of practice and organisational policies and procedures</li> </ul>
<b>Learning</b>	<ul style="list-style-type: none"> <li>Identify opportunities for individual and organisational learning</li> <li>Use feedback from others to establish improvement processes</li> <li>Record learning according to organisational procedures</li> <li>Ensure stakeholders are able to access and apply relevant knowledge/learning</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>Analyse systems and technology implications of change options</li> <li>Implement procedures to monitor and record equipment availability, performance and availability</li> <li>Determine systems compatibility with other members of the value chain</li> <li>Use record keeping equipment and programs</li> </ul>

## Packaging Rules

To be awarded the MSS80312 Vocational Graduate Diploma of Competitive Systems and Practices competency must be achieved in **eight (8)** elective units of competency as specified below:

- a minimum of **two (2) units** of competency from Group A
- **three (3)** additional units of competency must be selected from either Group A or Group B
- the remaining **three (3)** units of competency may be selected from either Group A, Group B or Group C.

Units with prerequisites are marked with an asterisk\*. Note that no Group A or Group B units have prerequisites. If Group C units with a prerequisite are selected, only the prerequisites included in this qualification can be counted. Any prerequisites not listed must be completed in prior study or additional to the qualification.

### Group A

Unit code	Unit title
MSS408001A	Develop the competitive systems and practices approach
MSS408002A	Audit the use of competitive tools
MSS408003A	Develop models of future state operations practice
MSS408004A	Develop the value stream
MSS408005A	Develop the learning processes of the operations organisation
MSS408006A	Develop and refine systems for continuous improvement in operations
MSS408007A	Develop problem solving capability of an organisation
MSS408008A	Analyse data for relevance to organisational learning

### Group B

Unit code	Unit title
MSS407001A	Prepare for and implement change
MSS407002A	Review operations practice tools and techniques
MSS407003A	Analyse process changes
MSS407004A	Facilitate improvements in the internal value stream

MSS407005A	Undertake a qualitative review of a process change
MSS407006A	Build relationships between teams in a operations environment
MSS407007A	Respond to a major non-conformance
MSS407008A	Capture learning from daily activities in a organisation
MSS407009A	Facilitate improvements in the external value stream
MSS407010A	Improve visual management in the workplace
MSS407011A	Manage benchmarking studies
MSS407012A	Lead a problem solving process to determine and solve root cause
MSS407013A	Review continuous improvement processes

### Group C

Unit code	Unit title	Prerequisites
MSS405002A	Analyse and map a value stream	
MSS405003A	Manage a value stream	
MSS405006A	Develop a Balanced Scorecard	
MSS405007A	Introduce competitive systems and practices to a small or medium enterprise	
MSS405020A	Develop quick changeover procedures	
MSS405022A	Design a process layout	
MSS405023A	Develop a levelled pull system for operations and processes	
MSS405024A	Apply the theory of constraints	
MSS405030A	Optimise cost of product or service	
MSS405031A	Undertake value analysis of a product or process costs in terms of customer requirements	

MSS405032A	Analyse cost implications of maintenance strategy	
MSS405033A	Optimise office systems to deliver to customer demand	
MSS405040A	Manage 5S system in an organisation	
MSS405050A	Determine and improve process capability	*
MSS405052A	Design an experiment	*
MSS405053A	Manage application of six sigma for process control and improvement	*
MSS405070A	Develop and manage sustainable energy practices	
MSS405081A	Develop a proactive maintenance strategy	
MSS405082A	Adapt a proactive maintenance strategy to the process operations sector	*
MSS405083A	Adapt a proactive maintenance strategy for a seasonal or cyclical business	*
MSS017001A	Analyse and determine organisational risk areas in sustainability	
MSS017002A	Determine process loss through mass balancing	
MSS017003A	Identify and respond to external sustainability factors for an organisation	
MSS017004A	Lead sustainable strategy deployment	
MSS027002A	Apply environmental legislation, codes and standards	
MSAENV672B	Develop workplace policy and procedures for environmental sustainability	
<p>A maximum of <b>one (1)</b> Group C unit may be selected from other qualifications in this Training Package, other endorsed Training Packages and accredited courses where the unit is available at Diploma level or above. Registered Training Organisations should seek a determination from Manufacturing Skills Australia regarding the suitability of any unit</p>		



proposed for use in this qualification.
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## Custom Content Section

Not applicable.