



Australian Government

Department of Education, Employment and Workplace Relations

MSACMG801A Develop the competitive manufacturing approach

Revision Number: 1

MSACMG801A Develop the competitive manufacturing approach

Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit takes a strategic view and covers skills aimed at further developing the organisation's competitive manufacturing philosophies and approaches.
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Application of the Unit

Application of the unit	This unit applies to organisation leaders and is intended for managers and people with a similar sphere of influence and scope of authority and responsibility. It is a global unit covering the analysis and further development of the overall competitive manufacturing approach adopted by an organization to ensure that the development fits with customer and other value chain member requirements. For a greater focus on reviewing and developing specific competitive manufacturing practices refer to MSACMG802A Audit the use of competitive tools. The unit applies to individuals who are familiar with competitive manufacturing as applied at an organisational level. Where this is not the case the following units can be completed to supply the necessary skills: • MSACMS600A Develop a competitive manufacturing system • MSACMS601A Analyse and map a value chain • MSACMS603A Develop manufacturing related business plans • MSACMC611A Manage people relationships. The following units may also be relevant in some circumstances: • MSACMS604A Manage competitive manufacturing processes in a jobbing shop environment • MSACMS606A Introduce competitive manufacturing to a small or medium enterprise. This unit may also be applied to service organisations applying competitive manufacturing principles.
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Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisite units	

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.
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Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Analyse organisation's current competitive manufacturing approach	1.1. Identify the organisation's competitive advantages and weaknesses 1.2. Identify current health, safety and environment (HSE) profile 1.3. Determine current competitive manufacturing/proactive maintenance strategy and analyse for consistency of application across organisation 1.4. Compare the strategy to current competitive needs 1.5. Determine potential changes which might impact on competitive manufacturing strategy 1.6. Identify areas where improvement is necessary 1.7. Discuss potential improvement areas with relevant managers
2. Analyse fit with value chain	2.1. Review value chain map against current competitive and strategic position 2.2. Determine the impact of changes which have occurred 2.3. Identify areas where improvement is necessary
3. Review and modify the competitive manufacturing approach	3.1. Determine required strategy changes 3.2. Negotiate changes with relevant stakeholders 3.3. Develop an agreed revised strategy 3.4. Develop an agreed implementation plan 3.5. Obtain support from process/system owners 3.6. Manage the development of cascading tactical implementation plans
4. Implement modified strategy	4.1. Obtain necessary permissions and authorities 4.2. Monitor the implementation of the modified strategy and tactical plans 4.3. Take required actions to achieve planned outcomes 4.4. Check that planned improvements have occurred 4.5. Take action to sustain improvement by standardising

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- decision making
- communication at all levels
- situation analysis

Required knowledge

- competitive manufacturing principles
- competitive manufacturing tools, their applications and limitations
- workplace strategy and vision
- ways of determining competency gaps

Evidence Guide

EVIDENCE GUIDE

The Evidence Guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment

Critical aspects for assessment and evidence required to demonstrate competency in this unit

Demonstrates skills and knowledge required to:

- critically review and improve competitive manufacturing strategy.

In particular look for evidence of:

- ongoing review of strategy
- analysis of current situation both for organisation and value chain
- implementation of improvement plans.

Context of and specific resources for assessment

Assessment may occur on the job or in an appropriately simulated environment. Access is required to real or appropriately simulated situations, including work areas, materials and equipment, and to information on workplace practices and OHS practices.

Where applicable, reasonable adjustment must be made to work environments and training situations to accommodate ethnicity, age, gender, demographics and disability.

Access must be provided to appropriate learning and/or assessment support when required. Where applicable, physical resources should include equipment modified for people with disabilities.

Method of assessment

- Assessment must satisfy the endorsed assessment guidelines of the Manufacturing Training Package.
- Assessment methods must confirm consistency and accuracy of performance (over time and in a range of workplace relevant contexts) together with application of underpinning knowledge.
- Assessment methods must be by direct observation of tasks and include questioning on underpinning knowledge to ensure its correct interpretation and application.
- Assessment may be applied under project related conditions (real or simulated) and require evidence of process.

EVIDENCE GUIDE	
	• Assessment must confirm a reasonable inference that competency is able not only to be satisfied under the particular circumstance, but is able to be transferred to other circumstances. • Assessment may be in conjunction with assessment of other units of competency where required.
Guidance information for assessment	Assessment processes and techniques must be culturally appropriate and appropriate to the language and literacy capacity of the candidate and the work being performed.

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. 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) may also be included.	
Codes of practice/standards	Where reference is made to industry codes of practice, and/or Australian/international standards, the latest version must be used
Health, safety and environment (HSE)	All changes implemented are expected to be at least neutral, or preferably beneficial, in their impact on health, safety and environment
Organisation	Organisation includes: - any part of a manufacturing or service organisation - companies, government bodies or other body of people aiming to produce a product to service a customer
Competitive philosophy	Competitive philosophy includes that body of knowledge and techniques which together guides an organisation towards achieving best practice in their processes and includes: - manufacturing practice - lean manufacturing - agile manufacturing
Prioritising action	Prioritising of actions may include: - cost/benefit analysis - readiness analysis - tactical survival response
Sustaining improvement	Improvement may be sustained by including it in: - standard procedures and work instructions - standard practice - other relevant documents and practices
Manager	Manager may include: any person who may have either a permanent or an ad hoc role in facilitating the function of

RANGE STATEMENT

	multiple teams in a workplace, departments or entire organisations
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Unit Sector(s)

Unit sector	CM Graduate
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Competency field

Competency field	
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Co-requisite units

Co-requisite units		