



**Australian Government**

# **MSS405001 Develop competitive systems and practices for an organisation**

**Release: 1**

# **MSS405001 Develop competitive systems and practices for an organisation**

## **Modification History**

Release 1. Supersedes and is equivalent to MSS405001A Develop competitive systems and practices for an organisation

## **Application**

This unit of competency covers the skills and knowledge required to develop new strategies for competitive systems and practices or make improvements to existing systems and practices.

This unit applies to a manager, technical specialist or similar in an organisation implementing competitive systems and practices, or in an organisation wishing to embark on the competitive systems and practices path. The person needs to be able to analyse the needs of the organisation and develop strategies and systems for effective implementation and continuous improvement of competitive systems and practices in the organisation. They may be developing competitive systems and practices for the first time for this organisation, or may be developing/improving existing systems and practices.

This unit primarily requires the application of skills associated with communication in gathering, analysing and applying information and consulting with stakeholders. Problem solving, initiative and enterprise, and planning and organising are required to determine effective competitive systems and practices strategies for the organisation. This unit also requires aspects of self-management and learning to ensure feedback and new learning is integrated into competitive systems and practices strategies.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

## **Pre-requisite Unit**

Nil

## **Competency Field**

Competitive systems and practices

## **Unit Sector**

Not applicable

## **Elements and Performance Criteria**

Elements describe the      Performance criteria describe the performance needed to

essential outcomes.

demonstrate achievement of the element.

- |   |   |     |  |
|---|---|-----|--|
| 1 | <b>Determine appropriate analytical techniques</b>          | 1.1 | Liaise with key stakeholders to determine objectives of operations strategy.                             |
|   |   | 1.2 | Examine current operations to determine major areas requiring improvement                                |
|   |   | 1.3 | Compare possible strategies, techniques and tools against organisation needs.                            |
|   |   | 1.4 | Select possible strategies, techniques and tools.  |
|   |   | 1.5 | Consult with key stakeholders to confirm selected strategies, techniques and tools.                      |
| 2 | <b>Develop competitive systems and practices strategies</b> | 2.1 | Estimate benefit/cost ratio for major stakeholders and the value stream overall.                         |
|   |   | 2.2 | Determine preferred operations strategy.   |
|   |   | 2.3 | Examine and adapt strategy to organisation needs and priorities.   |
|   |   | 2.4 | Examine and adapt competitive systems and practices techniques and tools required to implement strategy. |
|   |   | 2.5 | Negotiate with key stakeholders to develop an implementation plan.                                       |
|   |   | 2.6 | Determine key information and performance indicators required.   |
| 3 | <b>Implement strategy</b>                                   | 3.1 | Determine data collection required.  |
|   |   | 3.2 | Identify and evaluate methods of collecting and processing required data.                                |
|   |   | 3.3 | Determine hardware and other resources required.   |
|   |   | 3.4 | Evaluate skill needs required.   |
|   |   | 3.5 | Ensure all resources/training are available and completed.   |
|   |   | 3.6 | Implement strategy.  |

- |   |   |     |   |
|---|---|-----|---|
| 4 | <b>Monitor implementation of strategy</b> | 4.1 | Compare information/performance indicators with desired levels. |
|   |   | 4.2 | Liaise with key stakeholders regarding strategy issues.         |
|   |   | 4.3 | Identify areas requiring adjustment.                            |
|   |   | 4.4 | Make required adjustments.                                      |

## Foundation Skills

This section describes those required skills (language, literacy and numeracy) that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

## Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

**Competitive systems and practices include one or more of:**

- lean operations
- agile operations
- preventative and predictive maintenance approaches
- statistical process control systems, including six sigma and three sigma
- JIT, kanban and other pull-related operations control systems
- supply, value, and demand chain monitoring and analysis
- 5S
- continuous improvement (kaizen)
- breakthrough improvement (kaizen blitz)
- cause/effect diagrams
- overall equipment effectiveness (OEE)
- takt time
- process mapping
- problem solving

- run charts
- standard procedures
- current reality tree.

**Competitive systems and practices techniques and tools include one or more of:**

- value stream mapping
- 5S
- JIT
- mistake proofing
- process mapping
- establishing customer pull
- kaizen and kaizen blitz
- setting of KPIs/metrics
- identification and elimination of waste (muda)
- standardisation.

**Customer requirement stages where value stream actions may occur include one or more of:**

- sales outlet/representative
- information gathering, data analysis and research
- product design
- raw material sourcing
- intermediate processing
- final assembler/collation/preparation
- support services (e.g. accounting, finance and legal)
- storage and delivery to customer
- after market support.

## Unit Mapping Information

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## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=5b04f318-804f-4dc0-9463-c3fb9a3fe998>