MSS402001 Apply competitive systems and practices

Release: 1

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Modification History

Release 1 - Supersedes and is equivalent to MSS402001A Apply competitive systems and practices

Application

This unit of competency covers the skills and knowledge required to implement basic improvement practices within an organisation using competitive systems and practices. The unit focuses on bringing together the basic concepts and the holistic application of these basic concepts and processes to operations. It would typically be carried out working as part of a team.

This unit applies to an individual in an organisation that has embarked on competitive systems and practices. The unit covers the skills and knowledge required to contribute to the competitive systems and practices processes and assumes that they are to be used within the scope of the individual's job and authority.

This unit requires the application of skills associated with planning and organising an individual's own role within the competitive systems and practices framework.

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 essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.	
1 **Identify own place in the value chain**	1.1	Identify customers relevant to own work and their needs/requirements.
	1.2	Identify suppliers for own work.

		1.3	Identify value contributions along the chain.
		1.4	Identify and recommend methods of increasing own contribution to the value chain.
2	**Improve the product and process value**	2.1	Identify customer features/benefits in the product and process.
		2.2	Identify aspects of product and process which contribute to customer features/benefits.
		2.3	Identify aspects of product and process which do not contribute to customer benefits/features.
		2.4	Recommend methods of reducing waste and increasing features/benefits.
3	**Use competitive systems and practices**	3.1	Identify competitive systems and practices used in organisation and own work area.
		3.2	Apply practices appropriate for the job or process.
		3.3	Monitor the job/process and make adjustments to improve it in accordance with procedures.
		3.4	Identify own skill requirements and seek skill development, if required.

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 • Just in Time (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.
Customers include one or more of:	• internal or external customers and should be sufficiently close to the individual's work as to be easily identifiable • final customers used as the basis for the identification of value and waste.
Suppliers include one or more of:	• internal suppliers • external suppliers sufficiently close to the individual's work as to be easily identifiable.
Procedures (written, verbal, visual, computer based, etc.) include one or more of:	• work instructions • standard operating procedures (SOPs) • safe work method statements • formulas/recipes • batch sheets • temporary instructions • any similar instructions provided for the smooth running of the plant.

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

Manufacturing Industry Skills Alliance