



Australian Government

MSS403021 Facilitate a Just in Time system

Release: 1

MSS403021 Facilitate a Just in Time system

Modification History

Release 1. Supersedes and is equivalent to MSS403021A Facilitate a Just in Time system

Application

This unit of competency covers the skills and knowledge required to facilitate the implementation/operation of a Just in Time (JIT)/kanban system in a team or work area.

This unit applies to a person who needs to monitor the operation of a JIT system and facilitate its working in a team or work area. This will involve liaison with stakeholders as well as examining the data generated and being alert to potential problems and areas for improvement.

This unit requires the application of skills associated with gathering, analysing and communicating information to facilitate implementation of the JIT system. It requires planning and organising skills and has a strong emphasis on communication and teamwork skills to ensure the JIT system is being effectively implemented. This unit also requires the ability to problem solve and take the initiative to consider performance issues and learn from experience to improve future performance.

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 | Monitor the operation of the JIT system | 1.1 | Track value of key measures. |
| | | 1.2 | Recognise indicators of poor performance. |
| | | 1.3 | Take appropriate quick fix action. |

- | | | | |
|---|--|-----|---|
| 2 | Liaise with relevant stakeholders | 2.1 | Regularly communicate with team or work group members regarding the operation of the JIT system. |
| | | 2.2 | Review JIT key performance indicators (KPIs) with team or work group members. |
| | | 2.3 | Communicate with relevant personnel up and down the value stream regarding the operation of the JIT system. |
| | | 2.4 | Identify issues with stakeholders and take appropriate quick fix action. |
| | | | |
| 3 | Improve the JIT system | 3.1 | Identify areas requiring improvement in the JIT system. |
| | | 3.2 | Identify root cause of JIT-related problems. |
| | | 3.3 | Review value of key measures. |
| | | 3.4 | Recognise skill gaps in team members and other stakeholders. |
| | | 3.5 | Determine any other issues in team or work group, other stakeholders and JIT system leading to poor performance indicators. |
| | | 3.6 | Develop appropriate improvement solutions. |
| | | 3.7 | Liaise with relevant people regarding improvement solutions. |
| | | 3.8 | Implement and/or assist with the implementation of the solutions. |

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.

- Key measures include one or more of:**
- inventory levels
 - lead time
 - In Full, On Time and In Specification (IFOTIS) delivery
 - productivity/production rate
 - other measures of pull through the value stream
 - quality.

- Stages where value stream actions can 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

Release 1. Supersedes and is equivalent to MSS403021A Facilitate a Just in Time system

Links

Companion Volume implementation guides are found in VETNet -

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