



Australian Government

MSTGN6006 Map and establish TCF supply chain process

Release: 1

MSTGN6006 Map and establish TCF supply chain process

Modification History

Release 1. Supersedes and is equivalent to LMTGN6006A Map and establish textiles, clothing or footwear supply chain process

Application

This unit of competency covers skills and knowledge required to map and establish a supply chain process for a textiles, clothing or footwear (TCF) operation.

The unit of competency applies to enterprises working with domestic or international suppliers and customers in the supply or receipt of products and services within the TCF industry. Work involves the application of initiative and judgement to build an effective supply chain.

Work includes building commercial relationships, and working effectively within sector or enterprise conditions, import/export regulations, resource requirements, and responding to industry work practices.

This unit of competency is applicable to all sectors of the TCF industry.

Work may be conducted in small to large scale enterprises and may involve individual and team activities.

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

Pre-requisite Unit

MSTGN4006 Apply TCF market supply systems

Competency Field

Generic

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 | Determine job requirements | <div>1.1 Follow standard operating procedures (SOPs)</div> <div>1.2 Comply with work health and safety (WHS) requirements at all times</div> <div>1.3 Use appropriate personal protective equipment (PPE) in accordance with SOPs</div> <div>1.4 Identify job requirements from specifications, drawings, job sheets or work instructions</div> |
| | | |
| 2 | Identify supply requirements | <div>2.1 Confirm projected requirements for TCF stock supplies, product quantities, quality and delivery schedules</div> <div>2.2 Document identified issues and problems concerning projected requirements</div> <div>2.3 Identify and confirm resources, supply requirements, availability of machines and personnel</div> <div>2.4 Identify regular and occasional supply needs and document conditions</div> <div>2.5 Determine the flow rate for each category of TCF product</div> |
| | | |
| 3 | Determine enterprise requirements for suppliers | <div>3.1 Establish business conditions for supply arrangements in consultation with senior management</div> <div>3.2 Confirm specifications for raw materials, products and production processes</div> <div>3.3 Establish testing procedures to confirm product and material quality</div> <div>3.4 Analyse import and export rules and regulations for international sources to determine effect on supply conditions</div> <div>3.5 Establish communication and documentation protocols</div> |
| | | |
| 4 | Establish supply chain process | <div>4.1 Obtain and confirm specific information relating to TCF supply chain capacity</div> |

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|---|---|---|
| | 4.2 | Establish internal processes to ensure receipt and supply of TCF products meet enterprise conditions, quality standards and resource requirements |
| | 4.3 | Collect and analyse information to assess purchasing organisation's viability |
| | 4.4 | Obtain terms of payment offered by each buyer, negotiate for advantage and analyse for impact on finances |
| | 4.5 | Conduct ongoing research to assess new trends and conditions that may influence supply and demand in the TCF industry |
| 5 | Establish ongoing monitoring arrangements for the supply chain | <p>5.1 Maintain documentation, TCF production planning records and prepare reports to ensure supply chain information is accurate and current</p> <p>5.2 Analyse performance indicators to assess supply efficiency</p> <p>5.3 Act to remedy poor performance areas</p> <p>5.4 Incorporate strategies into the TCF supply chain plan to ensure positive performance</p> <p>5.5 Use appropriate electronic and digital tools and communication systems</p> |

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.

Workplace procedures include

- requirements prescribed by legislation, awards,

- one or more of the following:**
- agreements and conditions of employment
 - SOPs
 - work instructions
 - oral, written and visual communication
 - quality practices, including responsibility for maintenance of own work quality and contribution to quality improvement of team or section output
 - housekeeping
 - tasks related to environmental protection, waste disposal, pollution control and recycling
 - WHS practices
- Australian Standards include:**
- the relevant industry or Australian Standards that are current at the time this unit is being undertaken
- Flow rate includes one or more of the following:**
- just in time (JIT)
 - flow demand from customers
 - required of suppliers
 - unitisation
- Identified issues and problems include, but are not limited to, one or more of the following:**
- production schedule changes
 - material or resource availability
 - equipment maintenance requirements
 - high demand
 - low demand
 - changes to design
 - faults
- Business conditions include, but are not limited to, one or more of the following:**
- contract conditions
 - supply priorities
 - communication channels
 - authority protocols
 - verification
 - payment

Unit Mapping Information

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Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>

Assessment Requirements for MSTGN6006 Map and establish TCF supply chain process

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria, and include:

- reading and following work instructions, standard operating procedures (SOPs), safe work practices
- applying relevant standards
- preparing a map of all components and personnel in TCF supply chain systems for an identified enterprise, and confirming resources, supply requirements, and availability of machines and personnel
- preparing a map of the supply needs of the TCF enterprise and identifying internal processes that ensure receipt and supply of TCF products meet enterprise conditions, quality standards and resource requirements
- analysing import and export rules and regulations for international sources to determine effect on supply conditions
- monitoring supply chain, analysing performance and establishing testing procedures to confirm product and material quality
- conducting ongoing research to assess new trends, conditions and relationships that may influence supply and demand in the TCF industry
- using appropriate TCF industry terminology and technology to prepare a database, spreadsheet or table to record details of relationships and supply chain process for an identified enterprise
- maintaining documentation, TCF production planning records and preparing reports to ensure supply chain information is accurate and current.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- relevant Australian Standards
- components of TCF supply chain, such as:
 - product flow
 - raw material
 - production
 - distribution

- marketing
- customers
- business support and administrators
- characteristics of a broad range of fibres, fabrics and fashion and textile products
- information resources on fibres and fabrics
- TCF production processes
- test procedures to assess quality of materials and products
- electronic and digital tools used in TCF supply chain
- electronic and digital communication and recording tools appropriate for TCF supply chain
- information on TCF trends and conditions test procedures to assess quality of materials and products
- workplace procedures
- recording and reporting practices.

Assessment Conditions

- Assessors must:
 - satisfy the assessor competency requirements that are in place at the time of the assessment, as set by the VET regulator
 - have vocational competency in mapping and establishing TCF supply chain process, at least to the level being assessed, with relevant industry knowledge and experience.
- Assessment should occur in operational workplace situations. Where this is not possible, or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment reflecting realistic operational workplace conditions. This must cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications associated with this unit.
- The unit is applicable to all TCF sectors and assessment must ensure it is delivered to suit the industry it is being applied to.

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