



Australian Government

MSTGN4006 Apply TCF market supply systems

Release: 2

MSTGN4006 Apply TCF market supply systems

Modification History

Release 2. Supersedes and is equivalent to MSTGN4006 Apply TCF market supply systems (Release 1).

Pre-requisite unit, MSTGN2011 Identify fibres, fabrics and textiles used in the TCF industry, is superseded by MSTGN2013 Identify fibres, fabrics and textiles used in the TCF industry.

Release 1. Supersedes and is equivalent to LMTGN4018A Apply textile clothing and footwear market supply systems.

Application

This unit of competency covers the skills and knowledge required to apply systems of supply for the textiles, clothing and footwear (TCF) market.

The unit of competency applies to the supply of materials and resources, manufacture and distribution of TCF products and services.

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

MSTGN20 13 Identify fabrics, fibres and textiles used in TCF industry

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 | 1.1 Follow standard operating procedures (SOPs) |
| | | 1.2 Comply with work health and safety (WHS) requirements at all times |
| | | 1.3 Use appropriate personal protective equipment (PPE) in accordance with SOPs |
| | | 1.4 Identify job requirements from specifications, drawings, job sheets or work instructions |
| | | |
| 2 | Prepare to participate in the TCF supply chain | 2.1 Identify goods and services included within the TCF supply chain |
| | | 2.2 Identify TCF products and the origins of raw material for TCF products |
| | | 2.3 Identify TCF personnel expertise used in the supply chain and their role in supply |
| | | 2.4 Identify marketing and sales functions and their contributions to the supply chain |
| | | 2.5 Assess the strengths and weaknesses of domestic and international supply arrangements for TCF products |
| | | |
| 3 | Participate in TCF supply chain operations | 3.1 Identify and specify supply criteria for selected TCF products |
| | | 3.2 Identify quality indicators for TCF materials and products |
| | | 3.3 Conduct routine tests to assess the quality of materials and products |
| | | 3.4 Analyse and interpret specifications for materials and products |
| | | 3.5 Use appropriate TCF industry terminology to communicate effectively and document processes in domestic and/or international supply chain operations |
| | | |
| 4 | Evaluate supply chain | 4.1 Use appropriate electronic and digital tools and communication and records systems in TCF supply |

arrangements	systems and evaluate their role in a supply chain
4.2	Analyse TCF supply chain conditions and established supply relationships
4.3	Compare key performance benchmarks with current flow rates
4.4	Determine strengths and weaknesses in current supply arrangements

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 one or more of the following:

- requirements prescribed by legislation, awards, 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

TCF products include, but are not limited to, one or more of the

- clothing
- fashion items

following:

- textiles
- footwear
- leather products
- accessories

TCF personnel expertise include, but are not limited to, one or more of the following:

- quality assurance personnel
- test and laboratory experts
- designers
- researchers
- importers
- exporters
- transporters

Supply criteria includes, but is not limited to, one or more of the following:

- availability of raw materials
- timelines
- quality standards
- colour
- quantity
- reliability
- communication channels
- reputation
- price
- delivery schedule

Routine tests include, but are not limited to, one or more of the following:

- visual inspection
- tactile analysis
- acetone
- burn test
- microscopy

Unit Mapping Information

Release 2. Supersedes and is equivalent to MSTGN4006 Apply TCF market supply systems (Release 1).

Release 1. Supersedes and is equivalent to LMTGN4018A Apply textile clothing and footwear market supply systems.

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 MSTGN4006 Apply TCF market supply systems

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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
- identifying products, raw materials and personnel in TCF domestic and/or international supply chain systems for a TCF sector
- specifying the role of TCF suppliers and supply criteria for at least two (2) different TCF products
- identifying criteria for assessing quality of TCF materials and products
- using appropriate electronic and digital tools and communication and records systems in domestic and/or international TCF supply systems to record supply details for at least two (2) identified TCF products
- using appropriate TCF industry terminology to communicate effectively and document processes in domestic and/or international supply chain operations
- evaluating current TCF supply chain arrangements and relationships, and assessing strengths and weaknesses
- documenting processes in domestic and/or international supply chain.

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 fibres, fabrics and fashion and textile products
- information resources on fibres and fabrics
- TCF production processes
- supply criteria
- quality indicators, such as:
 - straightness of grain
 - even/uneven yarn
 - slippage
 - length of fibres
 - pilling
 - fabric resilience
 - workability
 - wash testing
 - shade
 - tensile properties
 - handle
- test procedures to assess quality of materials and products
- electronic and digital tools used in TCF supply chain, such as:
 - point of sale systems
 - design software
 - computer-aided manufacturing programs
 - just in time (JIT) programs
 - bar coding systems
 - websites
 - electronic payment systems
 - stock control systems
 - digital applications
- electronic and digital communication and recording tools appropriate for TCF supply chain, such as:
 - email
 - websites
 - documentation systems
 - order systems
- catalogues
- 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 applying TCF market supply systems, 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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