



Australian Government

MSTTD4006 Source textile materials and resources

Release: 1

MSTTD4006 Source textile materials and resources

Modification History

Release 1. Supersedes and is equivalent to LMTTD4006A Source textile materials and resources

Application

This unit of competency covers the skills and knowledge required to source materials and resources that are required for production of textiles.

The unit of competency includes skills and knowledge required to locate and compare materials and resources needed for production.

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

Nil

Competency Field

Textile design and development

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

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|---|--|-----|---|
| 2 | Prepare to source textile materials and resources | 2.1 | Identify required resources and apply research skills to locate textile resources |
| | | 2.2 | Develop a shortlist of preferred suppliers that meet criteria and document details |
| | | 2.3 | Analyse order and supply conditions and compare |
| | | 2.4 | Confirm communication channels for supplier and establish communication processes for business operation |
| | | | |
| 3 | Compare supply costs | 3.1 | Analyse capacity of suppliers to meet price and quality requirements and compare |
| | | 3.2 | Identify costs, including hidden costs of purchases |
| | | 3.3 | Compare costs of purchasing direct from overseas suppliers, contractors or manufacturers, to purchasing from local suppliers |
| | | 3.4 | Identify and compare payment options offered by suppliers |
| | | 3.5 | Document findings according to workplace procedures |
| | | | |
| 4 | Order and receive textile materials and resources | 4.1 | Select suppliers for supply of materials and resources based on their ability to meet required specifications and competitiveness |
| | | 4.2 | Complete orders and place with suppliers according to own and supplier business requirements |
| | | 4.3 | Monitor orders and follow up to ensure that conditions will be met |
| | | 4.4 | Receive orders and check quality and content against documentation |
| | | 4.5 | Process invoices for payment |

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
- PPE
- 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

Resources includes:

- materials required for production of textile products from production specifications
- expertise required for production and assess in-house availability of skills
- supply criteria in order to meet production requirements
- researching textile suppliers in Australia and overseas
- range of textile services provided by suppliers and compare with supply criteria and production specifications

Order and supply conditions include two or more of the following:

- minimum order requirements for suppliers
- lead times
- capacity of suppliers to meet order and delivery requirements
- shipping and freight options

Materials include one or

- knitted fabrics, including weft knits and warp knits

more of the following:

- woven fabrics, including plain, twill, satin, doggy and jacquard
- non-woven fabrics, such as felts, nets, braids, bonded and lace
- raw materials
- yarns
- man-made materials
- recycled materials
- dyes
- trims
- screens

Suppliers include one or more of the following:

- wholesalers
- importers
- mills
- jobbers
- converters

Hidden costs include one or more of the following:

- minimum order requirements
- shipping
- wastage
- quality
- tariffs or duties

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 MSTTD4006 Source textile materials and resources

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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
- identifying production resources used in the design and development of textiles
- undertaking research to identify and evaluate at least two (2) suppliers of textile materials and resources
- accessing and comparing Australian and overseas supply chains
- making comparisons based on quality, availability, cost and time requirements
- undertaking ordering of production requirements
- monitoring and receiving orders to ensure supply meets quality standards and order conditions
- applying workplace procedures
- maintaining records of suppliers.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- materials and resources required for production
- role of shipping and customs agents
- information resources on materials, resources and suppliers:
 - yellow pages
 - internet
 - trade directories
 - trade shows
 - networks
 - agents
 - trade magazines
- criteria for making comparisons
- supply criteria:
 - availability of raw materials

- timelines
- quality standards
- colour
- quantity
- reliability
- communication channels
- reputation
- price
- delivery schedule
- computer operations and internet research processes
- workplace practices and procedures for purchasing and receiving
- requirements of operations, such as:
 - development of textile product patterns
 - finishing
 - dyeing
 - knitting
 - weaving
 - illustration
 - tapestry
- local, national and international supply sources
- communication channels
- quality practices
- 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 sourcing textile materials and resources, 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.

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