



Australian Government

MSTTX3002 Contribute to textile production process improvements

Release: 1

MSTTX3002 Contribute to textile production process improvements

Modification History

Release 1. Supersedes and is equivalent to LMTTX3002B Contribute to textile production process improvements

Application

This unit of competency covers the skills and knowledge required to review production processes used in textile manufacture, and to contribute to identifying and implementing improvements.

The unit of competency applies to a range of textile production environments, including volume and custom production. Work is performed in a supervisory capacity and applies across the range of textile production processes. Skills and knowledge in textile production processes, tools, materials and equipment is essential.

Work may be self-directed and unsupervised.

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 production

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.

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|-------------------------------------|---|
| 1 Determine job requirements | 1.1 Follow standard operating procedures (SOPs) |
| | 1.2 Comply with work health and safety (WHS) requirements at all times |

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| | | 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 identify process improvements | 2.1 | Identify key external and internal customers and their needs and expectations |
| | | 2.2 | Distinguish the contribution of textile production processes to the value chain |
| | | 2.3 | Identify key suppliers and their role in the value chain |
| | | 2.4 | Identify quality standards for critical points of the production process and production requirements |
| | | 2.5 | Review production operations |
| 3 | Assess improvement opportunities | 3.1 | Identify opportunities for improvement and make suggestions to improve operations |
| | | 3.2 | Test improvement in consultation with appropriate personnel and identify implications of improvement |
| | | 3.3 | Provide reports, records and recommendations for improvement |
| | | 3.4 | Determine a timeframe for implementing improvement |
| 4 | Implement improvement | 4.1 | Identify desired result of improvement and establish method of measuring outcome |
| | | 4.2 | Identify and implement methods of addressing any possible negative implications |
| | | 4.3 | Consult and work with appropriate personnel to communicate and implement improvement |
| | | 4.4 | Monitor improvement and review outcomes with other team members to ensure improvement is implemented effectively and produces the desired outcomes |
| | | 4.5 | Make adjustments to improvement, as required, and |

document improvement processes

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

Australian Standards include:

- the relevant industry or Australian Standards that are current at the time this unit is being undertaken

Textile production processes include one or more of the following:

- receiving and processing of fibres and yarns
- identification of yarn and fibre quality
- specialist machine use, such as tufting, spinning and weaving
- repairs and alterations
- testing and inspecting
- despatch, storage and packing
- finishing processes

Reviewing production operations includes one or more of the following:

- identifying and reviewing housekeeping practices against workplace standards to assess conformity
- identifying and reviewing safety practices
- identifying production waste
- identifying methods of monitoring production outcomes
- assessing textile production outcomes against production goals, as required

Improvements include one or more of the following:

- production practices
- documentation
- supply
- despatch
- operator practices
- safety
- quality
- housekeeping

Tests include one or more of the following:

- trial
- verify
- pilot
- measure against research

Appropriate personnel include one or more of the following:

- managers
- supervisors
- colleagues
- specialist staff

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTTX3002B Contribute to textile production process improvements

Links

Companion Volume implementation guides are found in VETNet -

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