



Australian Government

MSTTX3008 Select raw materials

Release: 1

MSTTX3008 Select raw materials

Modification History

Release 1. Supersedes and is equivalent to LMTTX3008B Select raw materials

Application

This unit of competency covers the skills and knowledge required to select raw materials for use in textile production.

The unit of competency applies to development, production and quality assurance activities associated with the selection and checking of raw materials for textile production. The work can include liaison with specialist technicians. Discretion and judgement may be required, for both self and others, in planning and selecting processes, procedures or outcomes.

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

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 select raw materials | 2.1 | Confirm requirements for the selection of raw materials and clarify, if necessary |
| | | 2.2 | Select raw materials appropriate for the designated use |
| 3 | Check raw materials | 3.1 | Verify specification of raw materials |
| | | 3.2 | Check selected raw materials are suitable and satisfy quality standards and workplace procedures |
| | | 3.3 | Compare data with standards or other reference materials and record results |
| 4 | Report on raw materials | 4.1 | Document and record raw materials using appropriate worksheets and information systems |
| | | 4.2 | Collate and analyse documentation against specifications |
| | | 4.3 | Interpret documentation and report outcomes |

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

Raw materials include one or more of the following:

- wool (greasy, scoured and carbonised) and wool top
- cotton
- cotton yarn
- synthetics, chemicals and dyes

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTTX3008B Select raw materials

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 MSTTX3008 Select raw materials

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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
- selecting at least two (2) appropriate raw materials for designated use/s
- checking selected raw materials are suitable for specified process and quality standards on at least two (2) occasions
- analysing data against specifications
- communicating effectively with design team, customers
- documenting and recording raw materials using appropriate worksheets and information systems
- collating and analysing documentation against specifications
- interpreting documentation and reporting outcomes.

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
- selection and checking requirements of raw materials
- product and process specifications
- raw materials and their properties
- quality standards and 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 selecting raw materials, 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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