



Australian Government

MSTTX2002 Weigh and check textile materials and products

Release: 1

MSTTX2002 Weigh and check textile materials and products

Modification History

Release 1. Supersedes and is equivalent to LMTTX2009B Weigh and check textile materials and products

Application

This unit of competency covers the skills and knowledge required to weigh and check textile materials and products.

The unit of competency applies to the preparation and weighing of fibre, yarns, raw materials and finished products, and checking that weights are accurately recorded. Work may be conducted under some supervision, in a variety of environments.

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.

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 for weighing and checking | 2.1 | Identify fibre, yarns, other materials and products to be weighed and take samples |
| | | 2.2 | Organise appropriate weighing or measuring equipment and check calibration, as required |
| | | 2.3 | Apply workplace procedures according to requirements of the work environment |
| | | | |
| 3 | Weigh and check materials and products | 3.1 | Weigh fibre, yarns, raw materials and products accurately, according to material handling and workplace procedures |
| | | 3.2 | Record and document weights correctly |
| | | 3.3 | Check yarns, raw materials and products for correct colour, blend and number, if appropriate |
| | | 3.4 | Check weight of the fibres, yarns, raw materials and textile products against production order |
| | | | |
| 4 | Confirm documentation | 4.1 | Check fibres, yarn, raw materials and product weight, colour and order details against relevant documentation |
| | | 4.2 | Rectify or report non-compliance, as required |

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
- Work environment includes one or more of the following:**
- operational workplace activities
 - restricted space
 - hazardous, controlled or exposed conditions
- Materials and products include one or more of the following:**
- yarns for tufting
 - spun cotton, worsted and woollen yarns
 - finished knitted garments
 - finished hosiery garments
 - non-woven raw materials and fabrics
 - finished fabrics used in textile printing
 - fabrics used in weaving, dyeing, knitting, tufting and finishing
- Equipment includes one or more of the following:**
- weighing machines
 - measuring machines
 - mixing machines
- Documentation includes one or more of the following:**
- production order
 - delivery documentation
 - tickets or labels
 - specification sheet

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTTX2009B Weigh and check textile materials and products

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 MSTTX2002 Weigh and check textile materials and products

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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
- using machines and measuring equipment according to specifications on at least two (2) occasions
- calibrating equipment and confirming machines and equipment comply with operational specifications
- interpreting technical data
- recognising and responding appropriately to fault conditions
- testing and adjusting equipment
- weighing fibre, yarns, raw materials and products accurately, according to materials handling and workplace procedures, on at least two (2) occasions
- checking yarns, raw materials and products for correct colour, blend and number, if appropriate, on at least two (2) occasions
- checking weight of the fibres, yarns, raw materials and textile products against production order
- checking fibres, yarn, raw materials and product weight, colour and order details against relevant documentation
- rectifying or reporting non-compliance, as required.

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
- operation of weighing and measuring machines and equipment
- requirements for recording and documenting equipment readings
- care and maintenance of equipment
- technical specifications manuals
- quality standards and practices
- stores and procurement procedures

- 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 weighing and checking textile materials and products, 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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