MSTTX3005 Organise and interpret tests

Release: 1

MSTTX3005 Organise and interpret tests

Modification History

Release 1. Supersedes and is equivalent to LMTTX3005B Organise and interpret tests

Application

This unit of competency covers the skills and knowledge required to organise and interpret tests within the textile industry.

The unit of competency applies to organising a range of testing and sampling procedures and equipment, including evenness testing, moisture content, dry fastness, fibre construction, colour matching or other similar processes. 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 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

2	**Prepare to organise and interpret tests**	2.1	Confirm sample of material or product for testing
		2.2	Determine and confirm acceptance criteria for testing of sample
		2.3	Confirm test requirements and set up relevant test equipment
		2.4	Confirm calibration, as required, and organise tests to comply with requirements
3	**Perform tests**	3.1	Test material or product using selected test methods according to industry and workplace procedures
		3.2	Collate and analyse test results
		3.3	Interpret outcomes against process or product requirements
		3.4	Review acceptance criteria and take appropriate action in response to test results, as required
		3.10	
4	**Conclude tests**	4.1	Report outcomes and advise appropriate personnel
		4.2	Prepare and file reports and documentation

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

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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
Test equipment includes one or more of the following:	- general laboratory equipment, such as: - weighing scales - ruler templates - strength testers - conditioners and dryers - yarn testers - abrasion testers - pilling box - lighting equipment used for colour testing - other similar devises or equipment

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTTX3005B Organise and interpret tests

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e