



Australian Government

MSTGN2006 Perform test or inspection to check product quality

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to LMTGN2006B Perform test or inspection to check product quality

Application

This unit of competency covers the skills and knowledge required to test or inspect product quality.

The unit of competency applies to periodic testing or inspection of raw materials or finished products as part of the production process.

Limited discretion, initiative and judgement may be demonstrated on the job in own work, either individually or in a team environment. Work may be conducted in a variety of environments, including operational workplace activities, restricted space, and hazardous controlled or exposed conditions.

This unit of competency is applicable to all sectors of the textiles, clothing and footwear (TCF) industry.

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

Generic

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
	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 for test or inspection	2.1 Select appropriate materials or samples to test aspects of product quality
		2.2 Select and prepare equipment and confirm calibration
3	Perform test or inspection	3.1 Use prescribed testing or inspection procedures to test samples against specified standards
		3.2 Comply with workplace procedures, required quality standards and check procedures
4	Record and report result	4.1 Convert collected data into a form suitable for interpretation, where required
		4.2 Report outcomes and advise appropriate personnel
		4.3 Document and record process and result

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
- 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

Equipment includes, but is not limited to, one or more of the following: • purpose built test equipment
• general test or inspection equipment related to the particular requirements

Aspects of product quality include, but are not limited to, the following: • consistency in quality
• producing to specification
• producing within time requirements
• meeting customer requirements

Unit Mapping Information

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Links

Companion Volume implementation guides are found in VETNet -

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