



Australian Government

MSFGN2003 Organise Australian Standards testing of products, materials, and their design

Release: 1

MSFGN2003 Organise Australian Standards testing of products, materials, and their design

Modification History

Release 1. No equivalent unit. Supersedes but is not equivalent to MSFSS2002 Prepare product for Australian Standards testing.

Application

This unit of competency describes the skills and knowledge required to prepare products, materials, and design documentation for compliance testing in industry-recognised testing facilities against relevant Australian Standards. The unit involves accessing, recording, and acting on a defined range of information relating to compliance testing. It includes ensuring that the item to be tested is selected and packaged for testing according to Australian Standard requirements, and that testing outcomes are communicated and recorded in line with workplace procedures.

The unit applies to any individual working in an organisation that seeks to test the products and materials it manufactures, and their designs, to ensure they comply with mandatory safety and quality standards. The unit does not cover the testing of the item. The testing is undertaken by an independent, specialist testing body or agency. Those using this unit are not responsible for commissioning certification agencies to assess the items nor for resolving issues identified during the testing process.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable

Unit Sector

Generic

Elements and Performance Criteria

Elements	Performance Criteria	
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.	
1. Prepare product, material, or design for compliance testing	1.1	Review work order to identify item to be tested and workplace requirements relating to item preparation
	1.2	Select and access required personal protective equipment

Elements	Performance Criteria	
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.	
		according to workplace procedures
	1.3	Source required item to be tested according to Australian Standard requirements
2. Dispatch item for testing	2.1	Check that item meets applicable workplace requirements relating to certification process
	2.2	Prepare item to be tested and testing documentation according to Australian Standard and workplace requirements
	2.3	Package item and organise its transportation to recognised testing facility according to Australian Standard and workplace requirements
	2.4	Identify and report non-routine problems to designated personnel according to workplace procedures
	2.5	Dispose of packaging waste safely and sustainably according to workplace procedures
3. Report and record testing outcomes	3.1	Receive and log report of testing outcomes according to workplace requirements
	3.2	Communicate testing findings to management for action according to workplace procedures
	3.3	Include record of compliance testing processes, findings and actions in workplace quality system according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria of this unit of competency.

Numeracy skills to:	- identify, discuss and use mathematical information in Australian Standard requirements, work orders and instructions - process testing documentation
Planning and organising	bring testing findings to the attention of required personnel

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria of this unit of competency.

skills to:	
Reading skills to:	interpret routine workplace documentation, including work orders, procedures for submitting products, materials, and their designs for compliance testing and testing outcomes
Writing skills to:	enter familiar information legibly on item packaging and in workplace quality systems

Unit Mapping Information

Release 1. No equivalent unit. Supersedes but is not equivalent to MSFSS2002 Prepare product for Australian Standards testing.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>

Assessment Requirements for MSFGN2003 Organise Australian Standards testing of products, materials, and their design

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Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements, performance criteria, and foundation skills of this unit, which must include the ability to:

- prepare and dispatch at least three different items for compliance testing in line with workplace procedures and Australian Standard requirements
- report and record outcomes of the testing of those three items according to workplace procedures and quality system.

One of the above items must be a product, one must be material, and one must be a design relating to a product or material.

In organising the above items to be tested, the candidate must demonstrate the ability to:

- ensure that item to be tested is:
 - inspected and free from defects and contamination
 - packaged in line with workplace and compliance testing requirements
- follow work instructions and safe operating procedures to:
 - minimise risk of injury to self and others
 - prevent damage to items to be tested
 - use personal protective equipment (PPE)
 - avoid backtracking and work flow interruptions
 - work with others, recognising dependencies and using cooperative approaches to optimise work flow and productivity

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- key features of:
 - work orders relating to compliance testing
 - workplace quality system for documenting testing certification
- Australian Standard requirements for selecting and preparing items for testing
- workplace procedures relating to:
 - selecting, packaging and submitting item to certification agency for compliance testing
 - selecting and using personal protective equipment

- manual handling, including lifting and carrying
- disposing of packaging waste safely and in an environmentally sustainable manner
- organising transportation of item to testing facility
- receiving and logging testing outcomes
- communicating testing outcomes to required personnel
- reporting and recording non-routine problems and testing outcomes
- WHS requirements, including safety data sheets, hazardous and dangerous goods codes and local safe operating procedures.

Assessment Conditions

Assessment must occur in the workplace or in a simulated environment that reflects workplace conditions and contingencies.

Access is required to:

- items requiring Australian Standards testing as described in performance evidence
- materials, equipment and specifications relevant to organising items for testing, including:
 - PPE required to prepare and package identified items to be tested
 - packaging materials
- testing facilities that test compliance with Australian Standards
- transportation services
- quality system for documenting testing certification.

Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards

Links

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