



Australian Government

**Assessment Requirements for
MSFFDM4018 Research and organise
product inspection and testing**

Release: 1

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Modification History

Release 1. Unit code and title changed. Application changed. Substantial changes to Elements and Performance Criteria. Range of Conditions removed and relevant information moved to Assessment Requirements. Assessment Requirements changed to remove duplication with Performance Criteria and include volume/frequency of evidence. Supersedes and is not equivalent to MSFFT4007 Sample, inspect and test products to specifications.

Performance Evidence

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

- read and interpret job specifications, drawings, test/inspection and workplace procedures to develop and implement test/inspection procedures for a minimum of four different products or procedures.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- general quality systems theory
- sampling techniques for commonly encountered materials including:
 - timber
 - metal alloys
 - glass
 - fabrics and textiles
 - plastics
 - leather
 - adhesives
 - fillers; and
 - finishes
- inspection techniques and faults common within the sector products
- testing techniques (destructive and nondestructive) relevant to the sector and related equipment/aids
- requirements and processes of specialised inspection and test personnel
- testing requirements at all stages of product development and production, including of samples of raw materials, components, assemblies and end products
- workflow in relation to required times and stages where quality checking is required

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- work health and safety requirements, including legislation, building codes, material safety management systems, hazardous and dangerous goods codes, and local safe operating procedures or equivalent
 - types of designer or drawer specifications and instructions, including the softwares through which these might be developed and communicated
 - quality systems documentation or equivalent containing sampling, inspecting and testing frequency and criteria
 - workplace specifications and requirements.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - product specifications and drawings
 - access to specialised facilities and personnel as required.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -

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