



**Australian Government**

# **Assessment Requirements for MSFFDM4022 Select, use and maintain hand tools for the creation of custom products**

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## **Modification History**

Release 1. Unit code and title changed. Application changed. Elements and Performance Criteria changed to active voice. Range of Conditions removed and relevant content moved to Assessment Requirements. Assessment Requirements changed to clarify volume and frequency of evidence and remove duplication with Performance Criteria. Supersedes and is equivalent to MSFFDT4013 Select use and maintain hand tools for the creation of custom furniture.

## **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:

- select, use and maintain six different hand tools for different specified production functions across three different products, utilising the full capabilities of the hand tools to achieve outcomes
- design and manufacture one specialist hand tool for a specified production function
- tune and sharpen two of the following:
  - chisels
  - hand planes
  - spokeshave.

## **Knowledge Evidence**

There must be evidence the candidate has knowledge of:

- types, characteristics, uses, limitations and maintenance requirements of the range of hand tools used in furniture production, including:
  - hand planes
  - chisels
  - hand saws
  - spokeshave
  - hammer
  - mallet
  - marking-out tools
  - files
  - rasps
  - scraper
  - screwdrivers
  - hand drill

- straight edges
- knives
- clamps
- steel/bronze wool
- sandpaper
- brushes
- stones and whetstones
- grinder
- manufacturing specifications for hand tools
- processes for evaluating the quality of hand tools in terms of specifications, safety, maintainability and commercial reputation
- techniques for the design of specialised hand tools and the manufacturer of one-off tools
- workflow within the workplace
- relevant work health and safety regulations, legislation, regulations, standards and codes of practice relevant to use of hand tools
- workplace and site standards, requirements, policies and procedures for use of hand tools.

## 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:
  - a wide range of industry-standard hand tools.

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>