



Australian Government

**Assessment Requirements for
MSFFDT4013 Select, use and maintain
hand tools for the creation of custom
furniture**

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Modification History

Release 1 - New unit of competency

Performance Evidence

- Collect, organise and understand information related to furnishing work instructions and work orders and safety procedures
- Apply safe handling requirements for equipment, products and materials, including use of personal protective equipment
- Identify materials used in the work process
- Follow work instructions, operating procedures and inspection processes to:
 - minimise the risk of injury to self or others
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
- Locate and apply relevant information related to hand tools
- Adopt and carry out correct procedures prior to and during use of the range of hand tools including hand planes, chisels, hand saws, spokeshave, hammer, mallet, marking-out tools, files, rasps, scrapers, screwdrivers, hand drills, straight edges, knives and clamps
- Design and manufacture one (1) specialist hand tool for a specified production function
- Tune and sharpen:
 - chisels
 - hand planes
 - spokeshave
- Use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate material requirements
- Lead others and work effectively to improve production quality and outcomes
- Communicate ideas and information to enable confirmation of work requirements and specifications and the reporting of work outcomes and problems, interpret basic plans and follow safety procedures
- Use workplace technology related to the coordination, including communication equipment, time and management aids and other measuring devices
- Minimise wastage of resources, including materials, time and money
- Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity and encourage participation of employees in the planning of work activities and changes

Knowledge Evidence

- State or territory WHS legislation, regulations, standards and codes of practice relevant to use of hand tools
- Organisational and site standards, requirements, policies and procedures for use of hand tools
- Types, characteristics, uses, limitations and maintenance requirements of the range of hand tools used in furniture production
- Manufacturing specifications for hand tools
- Processes for evaluating the quality of hand tools in terms of specifications, safety, maintainability and commercial reputation
- Established communication channels and protocols
- Techniques for the design of specialised hand tools and the manufacturer of one-off tools
- Relevant problem identification and resolution
- Workplace safety requirements and WHS legislation
- Work flow within the workplace

Assessment Conditions

- Assessors must:
 - hold training and assessment competencies as determined by the National Skills Standards Council (NSSC) or its successors
 - have vocational competency in the furnishing industry at least to the level being assessed with broad industry knowledge and experience, usually combined with a relevant industry qualification
 - be familiar with the current skills and knowledge used and have relevant, current experience in the furnishing industry.
- Assessment methods must confirm consistency of performance over time rather than a single assessment event and in a range of workplace relevant contexts.
- Assessment must be by observation of relevant tasks with questioning on underpinning knowledge and, where applicable, multimedia evidence, supervisor's reports, projects and work samples.
- Assessment is to be conducted on single units of competency or in conjunction with other related units of competency. Foundation skills are integral to competent performance in the unit and should not be assessed separately.
- Assessment must occur on the job or in a workplace simulated facility with relevant process, equipment, materials, work instructions and deadlines.
- Access is required to range of quality hand tools and support documentation, legitimate specialist hand tool requirements and specifications.

Links

Companion Volume implementation guides are found in VETNet -

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