



**Australian Government**

**MSFFDT4009 Set up, operate and maintain  
basic static woodworking machines for  
furniture designs**

**Release: 1**

# MSFFDT4009 Set up, operate and maintain basic static woodworking machines for furniture designs

## Modification History

Release 1 - New unit of competency

## Application

This unit of competency covers setting up, operating and maintaining basic static woodworking machines to achieve furniture design requirements, including tuning and general problem solving. It involves application of skills and knowledge at the highly skilled craftsman or artisan level.

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

## Pre-requisite Unit

## Competency Field

## Unit Sector

Furniture design and technology

## Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

- |   |   |     |  |
|---|---|-----|--|
| 1 | Determine set-up and operating requirements of woodworking machines | 1.1 | Applicable work health and safety (WHS), legislative and organisational requirements relevant to the selection and use of static woodworking machines are verified and complied with |
|   |   | 1.2 | Set-up requirements for static woodworking machines are identified according to furniture design and safety requirements   |
|   |   | 1.3 | Operating requirements to achieve design outcomes are identified and safety requirements determined  |
| 2 | Set up and operate static woodworking                               | 2.1 | Selected machines are checked for serviceability, precision settings, maintenance compliance and safety  |
|   |   | 2.2 | Work specifications and instructions are interpreted and   |

machines	machines are set up to perform operations
	2.3 Machines are operated according to manufacturer operating procedures to achieve required work outcome
	2.4 Work is monitored to ensure quality standards are met
	2.5 Safety procedures are followed
3 Maintain static woodworking machines	3.1 Machines are assessed for performance compliance
	3.2 Faults or non-compliances are identified and rectified, replaced or reported according to workplace procedures
	3.3 Problem-solving techniques are applied to identify and address operational problems
	3.4 Routine maintenance is conducted to ensure optimal performance of machines
	3.5 Work area is maintained to housekeeping standards
	3.6 All machines are cleaned, maintained and stored in accordance with manufacturer specifications

## Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency. Detail on appropriate performance levels for each furnishing unit of competency in reading, writing, oral communication and numeracy utilising the Australian Core Skills Framework (ACSF) are provided in the Furnishing Training Package Implementation Guide.

## Range of Conditions

Specifies 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. Range is restricted to essential operating conditions and any other variables essential to the work environment.

### Unit context includes:

- WHS requirements, including legislation, building codes, material safety management systems, hazardous and dangerous goods codes, and local safe operating procedures or equivalent
- work is carried out in accordance with legislative

- Static woodworking machines include:**
- obligations, environmental legislation, relevant health regulations, manual handling procedures and organisation insurance requirements
  - work requires individuals to demonstrate conceptual and analytical ability, discretion, judgement and problem solving
  - customers or suppliers may be internal or external
  - table saw
  - thicknesser
  - jointer
  - band saw
- Problem-solving techniques include:**
- root cause analysis (RCA)
  - consultation with colleagues, designers, manufacturers, technicians and maintenance personnel
  - re-setting of machine
  - routine maintenance
- Personal protective equipment includes:**
- that prescribed under legislation, regulations and enterprise policies and practices
- Information and procedures include:**
- work procedures/instructions
  - manufacturer specifications and instructions
  - standard forms of workplace process and procedures
  - organisation work specifications and requirements
  - legislation, regulations and codes of practice
  - quality and Australian Standards and procedures

## Unit Mapping Information

Supersedes and is equivalent to LMFFDT4011A Set up, operate and maintain basic static woodworking machines for furniture designs

## Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>