



**Australian Government**

**Assessment Requirements for MSFFM3016  
Set up, operate and maintain multi-head  
planing and moulding machines**

**Release: 1**

# Assessment Requirements for MSFFM3016 Set up, operate and maintain multi-head planing and moulding machines

## Modification History

Release 1 - New unit of competency

## Performance Evidence

- Interpret work order and locate and apply relevant information
- Apply safe handling requirements for equipment, products and materials, including use of personal protective equipment
- Read and interpret cutting lists and job specifications to prepare for work
- 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 and wastage of goods, equipment and products
  - maintain required production output and product quality
- Identify, set up, operate and maintain multi-headed planing and moulding machine, including the use of safety cut-outs and guards, to complete the following:
  - square dress timber
  - produce a minimum range of three (3) detailed mouldings profiled on at least one edge and one face to a minimum of Australian Standards criteria
- Conduct operator maintenance on the machine
- Use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate material requirements
- 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
- 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

## Knowledge Evidence

- Types, characteristics, uses and limitations of planing and moulding machines
- Planing and moulding processes and techniques
- Characteristics of materials and uses of products produced
- Workplace guidelines regarding acceptable tolerance levels
- Workplace safety policies and procedures
- Procedures for reporting machinery faults and material defects

## 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 a planing and moulding machine, standard operating procedures, and unprocessed materials.

## Links

Companion Volume implementation guides are found in VETNet -

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