



Australian Government

Assessment Requirements for MSFFM2018

Operate basic static machines safely

Release: 1

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Modification History

Release 1. Changes to code, application, elements, performance criteria, assessment requirements. Foundation skills added. Range of conditions removed. Assessment requirements changed.

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:

- safely operate at least 5 of the following static machines on at least 2 occasions each to complete specified tasks to workplace quality standards:
 - band saw
 - crosscut saw
 - panel saw
 - rip saw
 - edge bander
 - hinge borer
 - thicknesser
 - jointer
 - wide belt sander.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- safety requirements and considerations for operation of static machines:
 - correct positioning of hands and body in relation to the machine
 - importance of grain direction in solid timber for the safe positioning of the work piece in the machine
 - correct use of machine guards and safety devices, including Australian Standards requirements
 - how to prevent kick back of work piece in the machine
 - required dust extraction for the materials being used
- characteristics of static machines used in machining materials, including at least 5 of the following:
 - band saw
 - compound mitre saw/crosscut saw

- panel saw
- rip saw
- edge bander
- hinge borer
- thicknesser
- jointer
- personal protective equipment (PPE) required for operation of static machines
- characteristic of manufactured board and solid timber in response to machining
- edge treatments
- selecting the correct face on double sided flat panels for the finished situation
- importance of using correct tooling for the machine and operation being performed
- workplace procedures for:
 - quality assurance and tolerance levels
 - reporting of machinery faults and material defects.
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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:
 - static machines required for performance evidence
 - PPE
 - unprocessed materials for machining
 - workplace procedures.

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>