



Australian Government

Assessment Requirements for MSFFM3034 Set up, operate and maintain joining machines

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:

- set up and operate two of the following machines and use with at least 2 different types of material in accordance with workplace procedures
 - mortice machine
 - tenon machine
 - dovetail machine
- complete operator maintenance on each of the 2 machines at least once, including:
 - checking that guards, safety switches, and machine jigs and attachments are functioning correctly
 - servicing machine lubrication points
 - identifying tooling needing sharpening and repair
 - checking that drive belts are undamaged and correctly tensioned
 - cleaning machine at the end of a production run
 - checking that electrical systems are functioning, and identifying issues for referral to qualified electrician
 - completing maintenance documentation.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- workplace procedures for:
 - work health and safety
 - quality assurance and tolerance levels
 - reporting of machinery faults and material defects
- risk control measures, including personal protective equipment (PPE), for the following hazards
 - cutting and crushing hazard
 - objects and particles thrown by machine

- noise
- airborne contaminants
- slips, trips and falls
- manual handling injuries
- joining processes and techniques
- characteristics and response to the joining process of these materials:
 - solid timber
 - manufactured board
- the function of other tools and materials typically used in the joining process:
 - machine-specific tools
 - jigs and fixtures
 - machine consumables
 - oils and lubricants and trial materials.
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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:
 - work documentation
 - joining machines (2 different types) required for performance evidence
 - PPE
 - unprocessed materials for joining
 - 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>