



Australian Government

Assessment Requirements for MSFFM3040 Produce and maintain cutting tools

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:

- produce a set of 2 matching profile cutters
- maintain a router cutter and solid profile cutter head.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- type and characteristics of cutting tools:
 - profile knives
 - router cutters
 - straight knives
 - profile cutter heads
- types and characteristics of grinding machines
- cutter development geometry and principles
- characteristics of cutter steels
- grinding practices and techniques
- personal protective equipment (PPE) required for producing and maintaining cutting tools
- type and characteristics of grinding adhesives and processes
- workplace procedures for:
 - acceptable tolerance levels
 - work health and safety
 - reporting 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:
 - raw materials or cutting tools in woodworking machines required for performance evidence
 - grinding machine
 - PPE
 - 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>