



Australian Government

Assessment Requirements for MSFFM2017 Hand make timber joints

Release: 1

Assessment Requirements for MSFFM2017 Hand make timber joints

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:

- choose and make appropriate joints, including 4 different joint types and 2 types of adhesive, using only handheld tools while undertaking:
 - box construction
 - carcass construction
 - drawer construction
 - frame construction.
 -

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- workplace procedures for:
 - work health and safety
 - quality assurance:
 - visual appearance – alignment, neatness
 - tolerance
 - gaps or play in joints and strength
 - reporting of faults
- workflow for furniture production
- joint types and their suitability for different purposes, including at least four of the following:
 - dowel
 - mortice and tenon
 - dovetail
 - lap joint
 - biscuit joint
 - finger joint
 - housing joint

- mitre joint
- bridle joint
- characteristics of different timber types commonly used in joint construction
- characteristics of different adhesive types commonly used in joint construction
- function of tools commonly used for hand construction of joints, including at least 5 of the following:
 - chisel
 - mallet
 - mortise gauges
 - vernier calipers
 - vice
 - dovetail saw
 - tenon saw
 - coping saw
 - plane
 - file
 - hand drill
 - power drill
 - dowel jig
 - power router
 - portable biscuit machines
 - power planers
 - power saw
- personal protective equipment (PPE) required for hand construction of joints.
-

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:
 - joining tools and equipment **required for performance evidence**
 - PPE
 - timber materials to be joined
 - adhesives
 - workplace procedures.
-

Links

Companion Volume implementation guides are found in VETNet –

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