



Australian Government

Assessment Requirements for MSFFDM4016 Produce timber veneered components for custom furniture

Release: 1

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Modification History

Release 1. Unit code and Application changed. Elements and Performance Criteria changed to active voice. Range of Conditions removed and relevant content moved to Assessment Requirements. Assessment Requirements changed to remove duplication with Performance Criteria. Supersedes and is equivalent to MSFFM4004 Produce timber veneered components for custom furniture.

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:

- prepare a minimum of one significant veneer, including:
 - the selection of materials
 - the preparation of the cutting face
 - the cutting and dressing of the veneer
- apply and finish veneers to at least three different surfaces, including:
 - one flat
 - one curved
 - one laminate
 - at least two requiring veneer edging
- perform checks on tools and equipment used in the above production items, relating to appropriateness for use, service standards and safety.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- types, characteristics, uses and limitations of veneers including laminates
- techniques for the manufacture and application of veneers, including:
 - mechanical press
 - vacuum technique
 - hot glue hammering
 - butting two right angle edges together then ‘stitching’ the veneer using a hot melt glue or tape
 - using a scarf joint then gluing the surfaces together
- types, characteristics, uses and limitations of different veneering timbers:
 - wood
 - particleboard

- medium density fibreboard (MDF)
- techniques for style and edge finishes, both solid timber and veneer edging to cover exposed edges
- techniques for briefing and plan representations of furniture design
- the preparation of drawings or set-outs
- types, characteristics, uses and limitations of tools and equipment and procedures for their safe use, operation and maintenance, including:
 - knives
 - chisels
 - measuring tapes or rules
 - mallets
 - squares
 - levels
 - planes
 - band saws
 - rotary lathe
 - slicing machine
 - half round lathe
 - power saws
 - power drills/screwdrivers
 - hand drills
 - pneumatic tools, compressor and spray equipment
 - clamps
 - screwdrivers
 - rollers
 - laminate trimmers
 - cutters and hand routers
 - sandpaper
 - wire wool
 - sanding block
- materials used in the veneer manufacturing and application process, including:
 - timber
 - manufactured board
 - laminates
 - timber strips
 - adhesives
 - cleaning materials
 - tapes
- workflow in relation to furniture production and application of timber veneer

- applicable work health and safety, legislative and workplace requirements relevant to producing timber veneered components for custom-made products
- workplace and site standards, requirements, policies and procedures for the production of timber veneer components.

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:
 - veneer manufacturing and application equipment and materials.

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>