



Australian Government

Assessment Requirements for MSFFM4003 Produce curved and shaped components for custom furniture

Release: 1

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Modification History

Release 1 - New unit of competency

Performance Evidence

- Interpret work order and locate and apply relevant information
- Apply safe handling requirements for equipment, products and materials, including use of personal protective equipment
- Follow work instructions, operating procedures and inspection practices to:
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
 - minimise the risk of injury to self and others
- Produce a minimum of six (6) significant timber curved components, five (5) from solid timber and one (1) using ply:
 - one (1) involving shaping from solid timber using hand techniques
 - one (1) involving shaping from solid timber using machine techniques
 - one (1) involving laminating
 - one (1) involving use of heat/steam
 - one (1) involving other techniques
 - items must demonstrate appropriate design, use of materials and strength for purpose
- Conduct operator maintenance on machines and related tools and equipment
- Use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate other material requirements
- Communicate ideas and information to enable confirmation of work requirements and specifications and the reporting of work outcomes and problems, interpret basic plans and follow safety procedures
- Minimise wastage of resources, including materials, time and money
- Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity

Knowledge Evidence

- State or territory WHS legislation, regulations, standards and codes of practice relevant to the production of curved and shaped components for custom furniture
- Organisational and site standards, requirements, policies and procedures for the production of curved and shaped components for custom furniture
- Techniques for timber bending, forming and shaping
- Types, characteristics, uses, limitations and maintenance requirements of solid timbers commonly used in furniture production

- Types, characteristics, uses and limitations on hand and power tools used in timber bending, forming and shaping
- Interpretation of plan representations of furniture design
- Techniques for the preparation of drawings/set-outs/rods and geometrical concepts
- Environmental protection requirements
- Established communication channels and protocols
- Relevant problem identification and resolution
- Work flow within the workplace

Assessment Conditions

- Assessors must:
 - hold training and assessment competencies as determined by the National Skills Standards Council (NSSC) or its successors
 - have vocational competency in the furnishing industry at least to the level being assessed with broad industry knowledge and experience, usually combined with a relevant industry qualification
 - be familiar with the current skills and knowledge used and have relevant, current experience in the furnishing industry.
- Assessment methods must confirm consistency of performance over time rather than a single assessment event and in a range of workplace relevant contexts.
- Assessment must be by observation of relevant tasks with questioning on underpinning knowledge and, where applicable, multimedia evidence, supervisor's reports, projects and work samples.
- Assessment is to be conducted on single units of competency or in conjunction with other related units of competency. Foundation skills are integral to competent performance in the unit and should not be assessed separately.
- Assessment must occur on the job or in a workplace simulated facility with relevant process, equipment, materials, work instructions and deadlines.
- Access is required to realistic curved and shaped component tasks, materials and equipment relevant to production of curved and shaped components for custom furniture, and specifications and work instructions.

Links

Companion Volume implementation guides are found in VETNet -

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