



Australian Government

Assessment Requirements for MSFFDT5007 Design a one-off item of furniture

Release: 1

Assessment Requirements for MSFFDT5007 Design a one-off item of furniture

Modification History

Release 1 - New unit of competency

Performance Evidence

- Collect, organise and understand information related to furnishing work instructions and work orders and safety procedures
- Identify materials used in the work process
- Follow work instructions, operating procedures and inspection processes to:
 - minimise the risk of injury to self or others
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
- Identify the limitations and opportunities of one-off design for furniture product and produce and communicate three (3) product proposals, including:
 - customer requirements
 - aesthetics
 - materials and construction
 - costing calculations for products
 - materials and finishes
- Document the product needs analysis, visual references, physical constraints and the evaluation of initial product proposals
- Use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate material requirements
- Lead others and work effectively to improve production quality and outcomes
- 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
- Use workplace technology related to the coordination, including communication equipment, time and management aids and other measuring devices
- 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 and encourage participation of employees in the planning of work activities and changes

Knowledge Evidence

- State or territory WHS legislation, regulations, standards and codes of practice relevant to the design of furniture maker product
- Ideas generation and conceptual development techniques

- Historical furniture styles and movements
- Contemporary furniture styles and movements
- Furniture design methodology
- Current ethical issues in society affecting furniture makers
- Ergonomic and anthropometric standards
- Environmental issues in making a furnishing product
- Visual aesthetics of furnishing products
- Current market segment products
- Production methodologies of furniture makers
- Physical needs of product type
- Materials used to produce furnishing products
- Furniture materials and finishes
- Making techniques for product types
- Costing techniques, including overhead components
- Options and technologies for presenting visual information
- Established communication channels and protocols
- Relevant design and production problem identification and resolution methods
- Relevant document control methods

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 a realistic product need, specific information covering client needs, manufacturing capabilities, details of the product requirements and options.

Links

Companion Volume implementation guides are found in VETNet -

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