Australian Government

Assessment Requirements for MSFFDM4020 Research and select product finishes

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Modification History

Release 1. Unit Code and title changed. Application changed. Elements and Performance Criteria changed. Range of Conditions removed and relevant items moved to Assessment Requirements. Assessment Requirements changed to include volume/frequency of evidence and remove duplication with Performance Criteria. Supersedes and is not equivalent to MSFFDT4010 Research and select furniture product finishes.

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:

- research and select finishes that respond to three different design briefs and that individually or cumulatively involve at least:
  - two types of base material onto which the finish is applied
  - two types of finishing materials
  - two different application methods.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- elements and principles of design, their interrelationships, and how they are used in relation to finishes
- characteristics, properties and selection criteria for different finishing or coating materials, both aesthetic and functional, including:
  - lacquers
  - laminates
  - metal
  - oils
  - paints
  - paper
  - pigments
  - plastics
  - stainless steel
  - stains
  - synthetics
  - textiles
  - veneers

- vinyls
- waxes
- the interactions of different finishing materials with different base materials
- properties of finishes and how these inform recommendations:
  - aesthetics
  - application methods and technologies
  - construction, composition and materials, including tactile nature of finishes
  - maintenance requirements
  - quality
  - safety application, flammability, fixing requirements
  - sustainability sourcing, production, longevity, recycling or end of life disposal
- current and emerging finishing technologies
- how to structure and present research information and recommendations.

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:
  - product design briefs
  - information technology for research and design presentation.

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