



Australian Government

**Assessment Requirements for
MSFFDM5008 Evaluate design proposals
and concepts**

Release: 1

Assessment Requirements for MSFFDM5008 Evaluate design proposals and concepts

Modification History

Release 1. Unit code and title changed. Application changed. Elements and Performance Criteria changed. Assessment Requirements changed. Supersedes and is not equivalent to:

- MSFFDT4004 Assess environmental impact of a design
- MSFFDT4006 Determine work health and safety (WHS) implications of designs
- MSFFDT5002 Assess and resolve technical integrity of a design
- MSFFDT5010 Evaluate furniture design proposals and concepts
- MSFFDT5011 Assess economic impact of a design
- MSFFDT5009 Determine production feasibility of designs.

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:

- evaluate three different design proposals and concepts, that each consider all of the following:
 - adherence to brief
 - design process and its application
 - functionality
 - the application and use of design to meet the elements and principles of design and ergonomics
 - marketability
 - production considerations:
 - materials
 - production process and impacts on overall business operations
 - safety
 - costs
 - profitability
 - sustainability
 - technical integrity.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- nature and scope of the design evaluation process:
 - who is involved – roles, responsibilities and interrelationships
 - process and key stages

- documentation requirements
- role of collaboration
- elements and principles of design, their interrelationships and how they can be used to create good design
- how to establish evaluation criteria against which a design needs to be evaluated and key considerations:
 - adherence to brief
 - compliance
 - design process and its application
 - functionality
 - profitability
 - application of elements and principles of design
 - production considerations
 - marketability
 - sustainability
 - technical integrity
- manufacturing technologies in the relevant industry sector
- processes that support critical analysis and how to use them, including:
 - comparing
 - contrasting
 - reflecting
 - distinguishing relevant from irrelevant.

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:
 - design briefs
 - proposed designs.

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>