



**Australian Government**

# **Assessment Requirements for MSFID5020 Design residential interiors**

**Release: 1**

# Assessment Requirements for MSFID5020 Design residential interiors

## Modification History

Release 1. Supersedes and is equivalent to MSFID5001 Design residential interiors.

## Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- developed and presented interior designs that meet the requirements of the project brief for 3 residential interiors that individually or cumulatively involve:
  - multiple spaces and residential functions
  - spatial planning
  - changes to room layouts
  - building services requirements
  - structural aspects requirements
  - multiple levels.

## Knowledge Evidence

There must be evidence the candidate has knowledge of:

- the scope of interior design, and when an architect or structural engineer needs to be involved
- Australian Standards, National Construction Code (NCC) and statutory planning regulations affecting interior design for single occupancy detached or attached dwellings, and individual sole occupancy units within a class 2 building, including:
  - minimum room sizes
  - minimum ceiling heights
  - habitable and non-habitable rooms
  - natural light and ventilation
  - stairs and ramps
  - mechanical ventilation of non-habitable rooms
  - ergonomics, anthropometrics, proxemics and aesthetic values
  - design process, key stages and associated planning techniques
  - types of creative methodologies used in the design process
- mathematical procedures for working in scale
- types of information that may inform the design process:
  - cultural
  - environmental

- historical
- technological
- type and scope of client and/or project brief that informs work in a residential context:
  - budget
  - client preferences
  - aesthetic and functional requirements
  - site characteristics
  - timeline
- how different aspects of space impact on potential solutions, including:
  - design elements and principles
  - colour
  - light
  - materiality
  - fenestrations
- types and features of resources that support the provision of design advice, and how they are used, including:
  - research tools
  - product tools
  - communication tools
- basic residential building construction and how the existing structure may be impacted by interior design through:
  - penetrations to interior floor and ceiling
  - changes to interior load bearing elements
  - structural integration of new interior elements with existing structure
- basic construction of built interior elements, load bearing and non-load bearing, and how they are designed and represented through drawings:
  - internal walls
  - internal floors
  - ceiling components
  - internal columns
  - internal doors
  - interior beams
  - interior stairs
  - interior custom joinery
- types of services in residential buildings, their features, and how they are designed:
  - hydraulic
  - electrical
  - information and communication technology (ICT)
  - environmental controls
  - lighting

- types and features of drawings and other visual presentation techniques used to present design solutions
- digital and non-digital sketching and drawing techniques to architectural drawing standards.

## 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
  - spaces for design
  - measuring equipment
  - 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>