



Australian Government

**Assessment Requirements for MSFID5025
Develop residential interior design project
documentation**

Release: 1

Assessment Requirements for MSFID5025 Develop residential interior design project documentation

Modification History

Release 1. Supersedes and is not equivalent to MSFID4007 Identify materials, construction techniques and methods used in building 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 digital drawings, specifications and schedules for 3 residential interior designs that individually or cumulatively include:
 - detailing of kitchen and bathrooms
 - spaces with multiple levels
 - designs with structural implications such as changes to load bearing elements or floor penetrations
 - detailing of custom joinery and furniture
 - detailing of wet areas.
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Knowledge Evidence

- role of Australian Standards and the National Construction Code (NCC) statutory planning regulations affecting residential interior design for:
 - single occupancy detached and/or attached dwellings
 - multi-residential projects
 - individual sole occupancy units within a class 2 building
- mathematical procedures for estimation, measurement and use of computer aided drawing technology
- computer aided drawing techniques
- basic building and architectural terminology and architectural drawings conventions
 - line weights
 - symbols
 - coding
 - scale
 - annotations
- scope of commercial interior design projects, and when an architect or structural engineer needs to be involved
- structural implications and limitations for interior design in residential buildings:
 - impact of interior floor and ceiling penetrations

- impact of changes to interior load bearing elements
- structural integration of new interior elements with existing (or proposed) structure
- sources of professional advice on building and construction
- break-down of the design project and its components for construction, the different trades involved, and the type of drawings and documentation required
- residential building classes and a basic knowledge of how they are constructed:
 - beams and/or trusses
 - concrete
 - floor slabs
 - foundations
 - glass
 - masonry
 - steel
 - timber
 - windows
- construction of built interior elements, load bearing and non-load bearing, and how they are represented on drawings and specifications:
 - ceiling components
 - interior beams
 - interior stairs
 - internal columns
 - internal doors
 - internal floors
 - internal wall assemblies
- custom joinery for residential interior design, the fundamental techniques of how they are assembled, constructed and detailed through drawing:
 - architectural hardware
 - balustrades
 - built in furniture
 - built storage
 - carcasses and substrates
 - ceiling features
 - concealed lighting
 - feature walls and panelling
 - kitchen and bathroom cabinetry and details
 - pelmets
 - stairs, platforms, and/or raised floors
 - window seats
- materials used in residential interior design the fundamental techniques of how they are researched, fixed, and detailed and specified through drawings and schedules:

- claddings
- floor materials
- formats and required inclusions for furnishing, fixtures and equipment schedules
- formats and required inclusions for design specifications.
- formats and required inclusions for door and furniture hardware
- formats and required inclusions for door and window schedules
- formats and required inclusions for materials schedules
- glazing
- linings
- stone
- wall materials
- wet areas- fixtures, fittings and surface treatments
- building services in residential design, their features, regulatory requirements and structural implications and how they are represented on detailed design drawings:
 - hydraulics
 - electrical
 - information and communications technology
- conventions for document and drawing management and control:
 - title blocks
 - amendments
 - cross referencing
 - coding
 - review processes.
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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 information for documentation
 - information technology hardware
 - CAD software.

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>