



Australian Government

MSFKB3010 Detail cabinet construction requirements

Release: 1

MSFKB3010 Detail cabinet construction requirements

Modification History

Release 1. Supersedes and is not equivalent to MSFKB3008 Identify cabinet construction and installation methods.

Application

This unit describes the skills and knowledge to provide detailed specifications and design drawings for cabinetry commonly used in kitchens, bathrooms and laundries.

This unit applies to kitchen and bathroom designers.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Pre-requisite Unit

N/A

Unit Sector

Kitchens and Bathrooms

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Establish cabinet design requirements	1.1 Confirm cabinetry requirements through review of documentation or discussion with the client 1.2 Determine design parameters and constraints based on client requirements and review of the site 1.3 Take and record accurate site measurements 1.4 Accurately document project requirements
2. Design cabinet	2.1 Develop cabinet design ideas and options based on project requirements and available products and services 2.2 Complete drawings that visually represent cabinet design ideas 2.3 Refine options through experimentation and discussion with client 2.4 Confirm and accurately document client preferences

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
3. Produce construction documentation	3.1 Develop accurate drawing, detailing all required measurements, dimensions and features 3.2 Identify structural features and components that impact the design on documentation using appropriate drawing protocols 3.3 Identify information to inform construction and installation and accurately document

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for MSFKB3010 Detail cabinet construction requirements

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Performance Evidence

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

- created detailed custom designed cabinet solutions and associated drawings for 3 different sites with varying conditions.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- mathematical procedures for estimation and measurement
- compliance requirements for cabinetry in relation to:
 - safety
 - sustainability
- sources of information on cabinetry products, their features and costs
- drawing techniques, including protocols and symbols for detailing of cabinet requirements
- features of cabinets and components used in kitchen and bathroom projects
- current and emerging cabinet construction techniques, their features and limitations, and how these may affect cabinetry design, including:
 - computer numerical control systems (CNC)
 - computer-aided manufacturing (CAM)
 - custom manufacture principles and processes
- factors that affect cabinet design and installation, including:
 - different methods of installation
 - installation requirements of appliances
 - moisture and humidity considerations
 - waterproofing considerations
 - sequence of installation
 - design modifications
 - services location
 - availability of installation expertise
 - site constraints
- supply chains for kitchen and bathroom components and materials:

- ordering
- delivery.
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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 briefs
 - measuring equipment
 - drawing materials.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

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