



Australian Government

Department of Education, Employment and Workplace Relations

LMFKB4007A Design ancillary residential cabinetry

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit of competency covers the skills and knowledge required to identify client requirements for residential cabinetry outside of kitchen, bathroom and laundry applications including developing and documenting designs to inform production and installation processes.
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Application of the Unit

Application of the unit	This unit of competency applies to cabinet makers and designers who provide designs for custom built cabinets for installation in residential situations.
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Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.
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Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Determine design requirements	1.1. <i>Client requirements</i> for <i>ancillary cabinetry</i> are identified and verified with the client 1.2. <i>Design parameters</i> are determined 1.3. Site measurements are taken and recorded 1.4. Design requirements and client information are documented
2. Develop design options	2.1. <i>Drawings</i> are completed to visually represent cabinet design ideas 2.2. Cabinet design ideas and <i>options</i> are discussed with client 2.3. Client preferences are determined and design option selected with the client
3. Develop design proposal	3.1. Measurements and dimensions are documented 3.2. <i>Structural features</i> and <i>components</i> are identified 3.3. <i>Construction and installation requirements</i> are determined 3.4. Labour requirements are determined 3.5. Costs involved to implement design are calculated 3.6. Design proposal is developed and specifications documented 3.7. <i>Design documentation</i> and quote is provided for client consideration

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- Accessing and interpreting workplace information
- Applying safety procedures
- Conducting measurements and calculations
- Completing drawings
- Interpreting client requirements

Required knowledge

- Processes used for the construction and installation of cabinets
- Features and limitations of cabinets and components
- State or territory occupational health and safety (OHS) legislation, regulations, standards and codes of practice relevant to cabinets and components
- Information resources
- Costing techniques

Evidence Guide

EVIDENCE GUIDE	
<p>The Evidence Guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.</p>	
<p>Overview of assessment</p>	<p>Assessment processes and techniques must be culturally appropriate and appropriate to the language, literacy and numeracy capacity of the candidate and the work being performed.</p>
<p>Critical aspects for assessment and evidence required to demonstrate competency in this unit</p>	<ul style="list-style-type: none"> • Liaise with client to establish design requirements • Develop design options • Take and document cabinet measurements • Complete design documentation including drawings and specifications • Confirm design detail with client
<p>Context of and specific resources for assessment</p>	<ul style="list-style-type: none"> • The application of competency is to be assessed in the workplace or realistically simulated workplace • Assessment is to occur under standard and authorised work practices, safety requirements and environmental constraints • Assessment of essential underpinning knowledge, other than confirmatory questions, will usually be conducted in an off-site context • Assessment is to comply with relevant regulatory or Australian Standards requirements • The following resources should be made available: <ul style="list-style-type: none"> • workplace location or simulated workplace • work related information resources
<p>Method of assessment</p>	<ul style="list-style-type: none"> • Assessment must satisfy the endorsed assessment guidelines of the Furnishing Industry Training Package • Assessment methods must confirm consistency and accuracy of performance (over time and in a range of workplace relevant contexts) together with application of underpinning knowledge • Assessment methods must be by direct observation of tasks and include questioning on underpinning knowledge to ensure correct interpretation and application • Assessment may be applied under project related conditions (real or simulated) and require evidence of process

EVIDENCE GUIDE

- Assessment must confirm a reasonable inference that competency is able not only to be satisfied under the particular circumstance, but is able to be transferred to other circumstances
- Assessment may be in conjunction with assessment of other units of competency

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

Client requirements

Client requirements may include:

- location and fit
- measurements and dimensions
- purpose
- materials and finishes
- structural features
- budget
- timing

Ancillary cabinetry

Ancillary cabinetry may include:

- built-in entertainment units
- built-in cupboards
- shelving
- external kitchen components
- bathroom cabinets

Design parameters

Design parameters may include:

- quality finish
- relationship with other features of the room
- structural and functional requirements and limitations
- colour, style and tone

Drawings

Drawings may include:

- computer-aided drawings
- manual drawings
- sketches

Options

Options may include:

- materials
- structural features
- options to reduce costs
- variety of ways to achieve client requirements

RANGE STATEMENT	
Structural features	Structural features may include: <ul style="list-style-type: none"> • doors, shelving, drawers and rails • openings • legs, plinths and kickboards
Components	Components may include: <ul style="list-style-type: none"> • handles, knobs and drawers • hinges and runners
Construction and installation requirements	Construction and installation requirements may include: <ul style="list-style-type: none"> • use of screws, fixtures and patented devices • use of adhesives, clips and fasteners • use of sealants • material requirements • manufacturing processes • on-site production requirements • special production requirements such as use of specialised equipment • removal of furnishings • waste removal
Design documentation	Design documentation may include: <ul style="list-style-type: none"> • drawings • specifications • construction information • timelines • product codes and specifications • delivery details • special conditions • measurements and dimensions

Unit Sector(s)

Unit sector	Kitchens and bathrooms
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Competency field

Competency field	
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Co-requisite units

Co-requisite units		