



Australian Government

Department of Education, Employment and Workplace Relations

LMFKB3008A Identify cabinet construction and installation methods

Revision Number: 1

LMFKB3008A Identify cabinet construction and installation methods

Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit covers the skills and knowledge required to identify production processes and construction features used in the manufacture of cabinets, installation methods used and the implications for designs.
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Application of the Unit

Application of the unit	This unit covers the interpretation of information on cabinet construction and installation methods by those working in design and technical advisory roles in the kitchen and bathroom industry. Information may be used to provide advice to customers, confirm orders or inform design or product selection. It does not include skills to perform installation tasks or to plan out a particular installation.
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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. Identify common production processes for the manufacture of cabinets	1.1. Identify range of cabinets on the market and describe quality features 1.2. Identify industry standards for cabinets 1.3. Describe computer numerical control (CNC) processes 1.4. Describe computer aided manufacture (CAM) processes 1.5. Describe custom manufacture principles and processes 1.6. Identify common techniques used for joining, assembling and finishing cabinets
2. Identify features and limitations of construction methods	2.1. Identify features and limitations of mass manufactured cabinets 2.2. Identify features and limitations of custom made cabinets 2.3. Identify range of variations able to be achieved with cabinet construction methods
3. Identify installation methods used	3.1. Identify <i>methods used to install cabinets</i> 3.2. Explain importance of <i>site analysis</i> and identify common impacts on designs 3.3. Identify <i>expertise and skills engaged in installation</i> 3.4. Identify <i>other considerations in cabinet installation</i>
4. Determine implications for kitchen and bathroom design	4.1. Identify <i>implications of appliances</i> on cabinet construction and installation 4.2. Identify <i>implications of services</i> on cabinet construction and installation 4.3. Identify implications of cabinet construction methods and installation requirements for designs
5. Identify sourcing requirements for cabinets	5.1. Access and apply information sources on suppliers for cabinets and components 5.2. Determine <i>requirements for ordering cabinets</i> and components 5.3. Determine supplier timelines and delivery requirements

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

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

Required skills

- Language and numeracy skills to the level of interpreting workplace documents and information
- Applying safety procedures
- Research skills
- Comparing findings
- Assessing implications

Required knowledge

- Processes used for the construction and installation of cabinets
- Features of cabinets and components used in kitchen and bathroom projects
- State or Territory occupational health and safety (OHS) legislation, regulations, standards and codes of practice relevant to kitchen and bathroom cabinets and components
- Characteristics of materials, products and defects
- Information resources

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>	<ul style="list-style-type: none"> 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>Critical aspects for assessment and evidence required to demonstrate competency in this unit</p>	<ul style="list-style-type: none"> Access and interpret product information Determine limitations and benefits of different methods used in the construction and installation of cabinets Identify implications for design Identify requirements for sourcing and ordering cabinets and components
<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

EVIDENCE GUIDE

	<p>process</p> <ul style="list-style-type: none">• 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
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Range Statement

RANGE STATEMENT	
<p>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.</p>	
Methods used to install cabinets	<p>Methods used to install cabinets may include:</p> <ul style="list-style-type: none"> • use of screws, fixtures and patented devices • use of adhesives, clips and fasteners • use of sealants • use of installation sequences
Site analysis	<p>Site analysis may relate to:</p> <ul style="list-style-type: none"> • location of services • measurements and dimensions • flooring and wall construction • materials and finishes impacting on installation • structural features that impact on installation • data cabling
Expertise and skills engaged in installation	<p>Expertise and skills engaged in installation may include:</p> <ul style="list-style-type: none"> • measurement • quality checking • assembly • use of hand and power tools • modifying and adjusting cabinets • working with other tradespeople
Other considerations in cabinet installation	<p>Other considerations in cabinet installation may include:</p> <ul style="list-style-type: none"> • installation requirements of appliances • waterproofing considerations • sequence of installation • design modifications • translation of design details into technical specifications
Implications of appliances	<p>Implications of appliances may include:</p>

RANGE STATEMENT	
	<ul style="list-style-type: none"> • requirements for changes to cabinet or design due to sizing or placement requirements • compliance issues • location and access
Implications of services	Implications of services may include: <ul style="list-style-type: none"> • requirements for changes to cabinet or design due to placement • compliance issues • location and access
Requirements for ordering cabinets	Requirements for ordering cabinets may include: <ul style="list-style-type: none"> • measurements and dimensions • colour • product codes and specifications • timelines • delivery details • drawings • special conditions • customer authorisation

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	

