



Australian Government

MSFFP2009 Identify materials suitable for kitchen or bathroom construction

Release: 1

MSFFP2009 Identify materials suitable for kitchen or bathroom construction

Modification History

Release 1. New unit

Application

This unit specifies the competency required to identify materials suitable for the construction of kitchens or bathrooms.

It is designed for use in a pre-employment skills introduction program and is suitable for use in institutional-based vocational programs. Skills development will take place under direct supervision.

This unit is not to be used in a traineeship or apprenticeship training program or associated qualifications. It is only to be used in pre-employment programs and carries no credit towards apprenticeship/trade and other qualification types in manufacturing and furnishings.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Competency Field

Unit Sector

Furnishing Pathways

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

1	Research materials used in kitchen or bathroom construction	1.1	Research and identify types and sources of materials suitable for use in the construction of kitchens or bathrooms
		1.2	Identify characteristics of materials and describe advantages of those materials to each other

		1.3	Identify generic and trade names for materials
		1.4	Identify the workplace, health and safety (WHS) considerations for materials used in furniture production
2	Identify materials used in kitchen or bathroom cabinet construction	2.1	Identify types of materials used in cabinet construction
		2.2	Determine handling and care requirements
		2.3	Determine the benefits and constraints, including range and cost
3	Identify materials used in benchtop construction	3.1	Identify types of materials used in benchtop construction
		3.2	Determine handling and care requirements
		3.3	Determine the benefits and constraints, including range and cost
4	Identify materials used in door production	4.1	Identify types of materials used in cabinet door production
		4.2	Determine handling and care requirements
		4.3	Identify the types finishes available for cabinet doors
		4.4	Determine the benefits and constraints, including range and cost
5	Identify materials used in splashbacks	5.1	Identify types of materials used to create splashbacks
		5.2	Determine handling and care requirements
		5.3	Determine the benefits and constraints, including range and cost
6	Identify bases/feet for base cabinets	6.1	Identify types of bases/feet for base cabinets
		6.2	Determine the benefits and constraints, including range and cost

7	Develop proposals for materials for use in kitchen/bathroom construction	7.1	Identify requirements from client brief, project sheets or work instructions
		7.2	Select the most appropriate materials to suit the client needs according to the information provided
		7.3	Record the selection of all materials giving reasons for selection
		7.4	Determine the work, health and safety (WHS) and personal protective equipment (PPE) requirements and considerations for the materials selected
		7.5	Develop a proposal for materials for use in an inexpensive bathroom cabinet fitout and a 'high end' kitchen, in accordance with common industry procedures

Foundation Skills

This section describes those required skills (reading, writing, oral communication and numeracy) that are essential to workplace performance in this unit of competency.

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

Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

PPE includes one (1) or more of the following:

- safety glasses
- face and head protection
- protective footwear
- protective clothing
- respiratory protection
- ear protection
- gloves

Kitchen materials include four (4) or more of the following:

- moisture resistant particleboard
- plywood
- high pressure laminate

- low pressure laminate
- vinyl/foil wrap
- resin-based solid surfaces
- solid stone
- reconstituted stone
- timber
- timber veneer
- paint
- glass
- stainless steel
- tiles

Bathroom materials include two (2) or more of the following:

- tiles
- wood
- glass
- ceramics
- stone

Benchtop materials include four (4) or more of the following:

- stone – granite and marble
- engineered stone
- timber
- solid surface
- laminates

Door materials include one (1) or more of the following:

- medium density fibre board (MDF)
- particleboard
- timber

Door finishes include three (3) or more of the following:

- wood veneers
- laminates
- paint
- melamine
- stainless steel
- vinyl

Splashback materials include four (4) or more of the following:

- tiles
- glass
- stainless steel
- natural stone

- terrazzo
- laminate sheeting
- pressed metal
- acrylic sheeting

Feet for base cabinets include two (2) or more of the following:

- saddle and insert feet
- self-adhesive, screw on feet and buffers
- tiltserts, buffers and glides
- machinery feet
- hexagonal and rubber feet
- adjustable feet
- plinth fabricated

Unit Mapping Information

New 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 MSFFP2009 Identify materials suitable for kitchen or bathroom construction

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria and include:

- following work instructions, procedures and safe work practices
- identifying and interpreting client brief, project sheets, specifications, drawings and other relevant information in identifying materials suitable for kitchen or bathroom construction
- using manufacturer catalogues and computer operations for internet access and searches
- identifying and reporting on a range of materials used in kitchen or bathroom construction, including:
 - a range of materials used in cabinet construction
 - a minimum of at least four (4) types of materials used in kitchen construction or a minimum of at least two (2) types of materials used in bathroom construction
 - a minimum of at least four (4) types of material used in benchtop construction
 - a minimum of at least four (4) types of material used in door production - (one (1) door material and three (3) finishes)
 - a minimum of at least four (4) types of material used to create splashbacks
 - a minimum of two (2) bases/feet for base cabinets
 - benefits and constraints of each selection, including cost
- handling and care requirements of materials selected
- developing a proposal to put forward a range of materials to construct an inexpensive bathroom cabinet fit-out or a 'high end' kitchen
- explaining the reasons for selection of material put forward to client based on appropriateness, range and cost
- communicating and working effectively and safely with others
- maintaining accurate records.
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Knowledge Evidence

Evidence required to demonstrate the required knowledge for this unit must be relevant to and satisfy the requirements of the elements and performance criteria and include knowledge of:

- safe work practices and procedures and use of PPE
- information resources
- research techniques
- features of a range of kitchen and bathroom materials

- precautions to be observed when handling materials
- types of finishes available for cabinet doors
- types of bases/feet for base cabinets and their appropriateness
- benefits and constraints to be considered when selecting materials and bases/feet, including the following:
 - benefits:
 - aesthetic qualities
 - longevity
 - durability
 - restorability
 - constraints:
 - cost
 - suitability
- reasons for selection and what constitutes a 'high end' kitchen
- client brief proposals
- recording and reporting procedures.

Assessment Conditions

- Assessors must:
 - satisfy the assessor competency requirements that are in place at the time of the assessment as set by the VET regulator
 - have vocational competency in identifying materials suitable for kitchen and bathroom construction, at least to the level being assessed, with relevant industry knowledge and experience
- Assessment must occur in a sufficiently rigorous simulated environment that reflects realistic workplace situations.
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant procedures, product and manufacturing specifications associated with this unit.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

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