



Australian Government

Department of Education, Employment and Workplace Relations

LMFKB4008A Determine layout for laundry components

Revision Number: 1

LMFKB4008A Determine layout for laundry components

Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit of competency covers the skills and knowledge required to design and document the layout for a laundry, including placement of components such as cabinets, appliances and required laundry facilities. It requires an application of design principles to spatial considerations for a laundry.
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Application of the Unit

Application of the unit	This unit of competency applies to residential laundry design and may include the positioning of services and appliances and desired locations for plumbing and electrical outlets. The unit does not include designing any changes to plumbing, electrical or waterproofing, other than the location of required service.
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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. Confirm and analyse the laundry design requirements	1.1. Communication is established with the client and information regarding the client needs and expectations is obtained 1.2. Key requirements for laundry are assessed and confirmed and constraints determined 1.3. Project parameters are confirmed 1.4. Site analysis is conducted to assess laundry design requirements and limitations 1.5. Spatial considerations are determined specific to the site and client requirements
2. Examine layout options	2.1. Location of current services are identified 2.2. Components for inclusion in laundry are identified 2.3. Range of layout options and traffic flow implications are examined 2.4. Suitability of layout options for space is analysed and limitations and benefits determined 2.5. Environmental implications of the layout are assessed and options reviewed to ensure maximum energy efficiency is achieved 2.6. Access issues relating the laundry are identified and addressed in layout options
3. Select and specify laundry layout	3.1. Layout options are discussed with client and preferences selected 3.2. Required changes to service outlets and waterproofing are identified 3.3. Regulatory requirements relating to laundries are assessed to determine compliance 3.4. Laundry layout and components are documented with specifications detailed 3.5. Cost estimate is calculated and provided for client 3.6. Proposal is communicated effectively to the client and alterations negotiated and confirmed

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
- Communicating with clients
- Generating ideas
- Analysing
- Measuring and calculating
- Costing and associated calculations
- Negotiation skills
- Drawing skills
- Accurately recording and maintaining information relating to the project

Required knowledge

- Features of laundry designs and components
- State or territory occupational health and safety (OHS) legislation, regulations, standards and codes of practice relevant to laundry designs
- Characteristics of storage, appliance and service options
- Spatial planning considerations for laundry designs
- Information resources
- Drawing protocols and symbols

Evidence Guide

EVIDENCE GUIDE

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.

Overview of assessment

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.

Critical aspects for assessment and evidence required to demonstrate competency in this unit

- Work with the client to develop and confirm a laundry design brief
- Apply spatial considerations to laundry design
- Develop laundry layout to meet client brief
- Apply regulatory considerations for laundry designs
- Document laundry design in drawings and specifications

Context of and specific resources for assessment

- 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:
 - workplace location or simulated workplace
 - work tools and equipment
 - work related information resources

Method of assessment

- 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

EVIDENCE GUIDE

	conditions (real or simulated) and require evidence of process • 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

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.

Key requirements

Key requirements may include:

- functional requirements
- colour, style and form preferences
- inclusions
- budget
- timelines
- desired effects
- materials, component and finishes
- quality
- specific conditions

Project parameters

Project parameters may include:

- upper and lower budget limits
- range of options
- specific conditions
- scope of brief
- approval to make changes
- design effect required by client
- functionality (short and long term)
- established timelines

Site analysis

Site analysis may include:

- identifying current laundry features and services
- measuring laundry dimensions and features
- identifying structural conditions and features of current laundry layout or which require building or engineering advice in a new laundry design
- observing general house style
- observing current inclusions and appliances

Spatial considerations

Spatial considerations may include:

- location and capacity of services

RANGE STATEMENT	
	• requirements of laundry appliances • usage and traffic flows typical to a laundry • laundry storage requirements • specific ergonomic or access requirements
Components	Components may include: • washing machine, dryer, ironing facilities, laundry sink and hanging facilities • storage areas, cabinets and shelving • tiling, fixtures and fittings • shower, shower screen, toilet and basin
Access issues	Access issues may include: • access for wheelchair and walking support devices • railing and supports • ergonomics required for specific disability, aging, and/or health issues
Documentation	Documentation may include: • product information • client information • sketches, drawings - elevations, sections, plans and perspectives • photos • brochures • computer-aided design presentations
Specifications	Specifications may include: • measurements and dimensions • fixtures and fittings • product codes • materials • components • appliances

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		