



Australian Government

Assessment Requirements for MSFKB4010 Determine spatial planning considerations for bathroom design

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MSFKB4004 Determine spatial planning considerations for bathroom design.

Performance Evidence

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

- determined and documented spatial planning considerations for 3 different bathrooms, 1 of which must be a renovation, and 1 of which must be a new build.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- liveable housing design – current and emerging thinking and trends
- principles of ergonomics and their application to bathroom design:
 - clearance (minimum spatial tolerances for access)
 - reach (maximum spatial tolerances and workspace envelope)
- factors for consideration in planning bathroom spaces:
 - additional space requirements often incorporated into bathrooms for functions such as dressing, ironing, make-up areas
 - installation requirements
 - clearances – floor, traffic
 - space requirements for reaching, bending and crouching
- ways of collating and documenting information to inform the design process and how to develop itemised schedules
- aspects of bathroom design:
 - layout options, including placement of:
 - basins
 - baths and/or spas
 - lighting
 - power
 - showers and shower screens
 - toilets and bidets
 - vanities
 - ventilation

- use zones:
 - bathing and/or showering
 - drying
 - other ancillary uses
- storage - common requirements, options and storage principles
- types, characteristics, uses and spatial requirements for different appliances, fixtures and fittings, including:
 - shower, shower screen and shower head
 - toilet and bidet
 - bath and spa
 - laundry related items
 - vanities, taps and sinks
 - cabinets
 - towel racks
- types, characteristics and use of different lighting and ventilation options, both natural and artificial
- types of work impacted by planning and building regulations, and the requirements and regulations that apply, including licensing requirements for:
 - electrical (power and lighting)
 - glazing (shower doors, shower screens, bath enclosures, windows, mirrors)
 - painting
 - plumbing
 - structural changes
 - structural changes (movement of walls, installation of new flooring)
 - tiling
 - waterproofing.
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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
 - sites for bathroom designs
 - measuring equipment
 - information technology for document creation.

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

Links

Companion Volume implementation guides are found in VETNet -

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