



Australian Government

Assessment Requirements for MSFKB4013 Document residential building services

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MSFKB4003 Identify and document services required to support fitted furniture designs.

Performance Evidence

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

- conducted a site survey and documented services information for 3 different sites
- developed digital service layout documentation that complies with industry standards and protocols for 3 different designs (to include 1 renovation and 1 new build), which individually or cumulatively include documentation of the following services:
 - electrical:
 - power points
 - data outlets
 - lighting
 - gas
 - plumbing:
 - water outlets
 - drainage features.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- state or territory work health and safety legislation, regulations, standards and codes of practice
- purpose and key provisions of Australian Standard AS1100 and its impact on documentation requirements
- statutory planning regulations affecting services in interior spaces, including kitchens and bathrooms
- mathematical procedures for estimation and measurement
- basic building and architectural terminology
- basic features of the following building services and their layout:
 - electricity – outlets, controls, switches
 - lighting
 - plumbing
 - gas
 - air-conditioning and/or ventilation

- sketching and drawing techniques
- industry symbols and protocols for the documentation of building services
- cost implications of existing services on design – relocation, capacity, fixtures and fittings
- local planning processes
- sustainability considerations for service layouts
- sources of information on cabinetry products
- different products, their characteristics, performance and service requirement:
 - appliances
 - lighting
- formats and required inclusions for design specifications.
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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:
 - sites to be assessed
 - measuring equipment
 - information technology hardware
 - CAD software.

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>