



Australian Government

MSFKB3002 Determine requirements for installation of cabinets

Release: 1

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Modification History

Release 1 - New unit of competency

Application

This unit of competency covers assessing a site, including walls, floors, appliances, services and other structural components, to determine implications and modifications required for location and installation of cabinets.

Licensing, legislative or certification requirements may apply to this unit and relevant state/territory and local government agencies should be consulted to determine any necessary certification or licensing for undertaking kitchen and bathroom work. Access to construction sites requires certification of general induction training specified by the *National Code of Practice for Induction for Construction Work* (ASCC 2007).

Pre-requisite Unit

Competency Field

Unit Sector

Kitchens and Bathrooms

Elements and Performance Criteria

Elements describe the essential outcomes.

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

1	Access the site	1.1	Project brief and plans are revived to guide site assessment
		1.2	Site access is arranged with client
		1.3	Required access for materials and equipment is determined
		1.4	On-site work health and safety (WHS) procedures are followed
		1.5	Other work procedures being undertaken at the site for impact on installation work are evaluated
2	Identify construction	2.1	Wall construction and features are examined to determine

	features that impact on cabinet installation		implications for cabinet installation
		2.2	Flooring construction and features are examined to determine implications for cabinet installation
		2.3	Other structural features are analysed to determine implications for cabinet installation
3	Identify installation requirements of appliances	3.1	Appliances are examined to confirm location and placement in cabinets
		3.2	Installation requirements for appliances are examined using manuals to determine implications for cabinet installation
4	Determine implications for layout or design	4.1	Services and appliances are accessed to identify any compliance issues for layout or design
		4.2	Development plan and site assessment is used to determine implications for design and cabinet construction
		4.3	Sequence for cabinet installation is determined according to site findings
5	Document installation requirements	5.1	Findings from site assessment are documented to inform adjustments that are required to the design layout and cabinet construction
		5.2	Information is recorded using industry standards

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency. Detail on appropriate performance levels for each furnishing unit of competency in reading, writing, oral communication and numeracy utilising the Australian Core Skills Framework (ACSF) are provided in the Furnishing Training Package Implementation Guide.

Range of Conditions

Specifies 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. Range is restricted to essential operating conditions and any other variables essential to the work environment.

- Unit context includes:**
- WHS requirements, including legislation, building codes, material safety management systems, hazardous and dangerous goods codes, and local safe operating procedures or equivalent
 - work is carried out in accordance with legislative obligations, environmental legislation, relevant health regulations, manual handling procedures and organisation insurance requirements
 - work requires individual to demonstrate some discretion, judgement and problem solving
 - work is conducted by on-site cabinet installers to determine any modifications required to cabinets, design or positioning before installation is conducted
 - cabinets include custom-made or mass manufactured and include complete components, such as doors, shelves and drawers
- Site assessment includes:**
- assessing structural aspects, including flooring, walls, ceiling, roof construction, other structural features, windows and doors, which may impact on design or installation work
 - determining material use, including use of asbestos
 - access
 - services, such as ventilation, plumbing, drainage, power and lighting
 - waterproofing
 - demolition requirements
 - assessing building information, plans, drawings and materials data
 - assessing levels and squareness of walls and floors
 - conducting measurements
- Wall construction includes:**
- solid masonry
 - stud frame
 - load bearing members
 - non-load bearing members
 - bracing
 - squareness
 - level
 - skirting boards
- Flooring construction includes:**
- concrete slab
 - timber
 - steel
 - under floor access
 - squareness
 - levels

Other structural features include:	• skirting boards • beams • columns • structural damage • finish • ledges
Features of electrical service include:	• position and number of power outlets • adequacy of supply • data and communications cabling • location near other services
Other services include:	• gas • data • communications • plumbing • air extraction • conditioning • vents
Personal protective equipment includes:	• that prescribed under legislation, regulations and enterprise policies and practices
Information and procedures include:	• workplace procedures relating to the use of tools and equipment • work instructions, including job sheets, cutting lists, plans, drawings and designs • workplace procedures relating to reporting and communication • manufacturers specifications and operational procedures • measurements • quotes • specifications • design adjustments

Unit Mapping Information

Supersedes and is equivalent to LMFKB3002A Determine requirements for installation of cabinets.

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 MSFKB3002 Determine requirements for installation of cabinets

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Performance Evidence

- Interpret work order and locate and apply relevant information
- Apply safe handling requirements for equipment, products and materials, including use of personal protective equipment
- Follow work instructions, operating procedures and inspection processes to:
 - minimise the risk of injury to self or others
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
- Conduct a site assessment and identify all issues that will impact on the installation of cabinets and appliances including floor and wall construction and other structural elements of the site and availability and location of required services
- Identify limitations of cabinet construction and implications for design, including compliance issues for work and levelling required
- Complete detailed documentation to inform installation, including site conditions, sequence of component installation and quality standards that apply
- Apply quality standards, Australian Standards and resource information appropriate to cabinet construction and installation on site, including accessing and apply appropriate requirements set out in the Building Code of Australia (BCA)
- Use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate material requirements
- Communicate ideas and information to enable confirmation of work requirements and specifications and the reporting of work outcomes and problems, interpret basic plans and follow safety procedures
- Avoid backtracking, work flow interruptions or wastage
- Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity

Knowledge Evidence

- Roles of trades in the kitchen and bathroom industry
- Planning processes
- Processes used for the construction of cabinets
- Features of cabinets and components used in kitchen and bathroom projects
- State or territory WHS legislation, regulations, standards and codes of practice relevant to the full range of processes for assessing a site

- Organisational and site standards, requirements, policies and procedures for assessing a site
- The role of Australian Standards and the BCA
- Characteristics of materials, products and defects
- Procedures for documenting workplace records and information
- Appropriate mathematical procedures for estimation and measurement
- Environmental protection requirements
- Established communication channels and protocols
- Relevant problem identification and resolution techniques
- Basic building and architectural terminology
- Common structural and non-structural components of a residential building
- Materials and methods involved in interior refurbishment
- Local regulations/councils
- Construction techniques/technologies
- Statutory planning regulations affecting kitchens and bathrooms

Assessment Conditions

- Assessors must:
 - hold training and assessment competencies as determined by the National Skills Standards Council (NSSC) or its successors
 - have vocational competency in the furnishing industry at least to the level being assessed with broad industry knowledge and experience, usually combined with a relevant industry qualification
 - be familiar with the current skills and knowledge used and have relevant, current experience in the furnishing industry.
- Assessment methods must confirm consistency of performance over time rather than a single assessment event and in a range of workplace relevant contexts. Evidence is required of effectively planning cabinet installation in at least two different sites.
- Assessment must be by observation of relevant tasks with questioning on underpinning knowledge and, where applicable, supervisor's reports, completed projects or work samples.
- Assessment is to be conducted on single units of competency or in conjunction with other related units of competency. Foundation skills are integral to competent performance in the unit and should not be assessed separately.
- Assessment must occur on the job or in a workplace simulated facility with relevant process, equipment, materials, work instructions and deadlines.
- Access is required to tools required for site assessment and plans, drawings and manuals relating to project.

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