



Australian Government

Assessment Requirements for MEM09218 Participate in drafting projects for building services

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEM09218A Participate in drafting projects for building services.

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, standard operating procedures (SOPs) and safe work practices
- determining purpose and scope for drafting project utilising all available information
- identifying building types and types of building services available for inclusion in drawings
- consulting with other services in a multi-service worksite on at least two occasions
- modifying drafting plans and sequences on at least two occasions to integrate information from other services, and in response to delays
- participating in site and coordination meetings
- submitting drawings to supervisor and integrating feedback into final draft on at least two occasions
- confirming final drawings accurately reflect specifications
- documenting and storing drawings in accordance with SOPs
- complying with organisational policies and procedures including quality requirements.

Note: Where a volume and/or frequency is not specified, demonstration must be provided at least once.

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
- different approaches to drawing
- sources of information
- copyright and intellectual property issues and legislation in relation to drawing
- codes, standards and industry regulations including AS/NZS 1668 The use of ventilation and air conditioning in building Set, AS 1682.1 Fire dampers – Specification, AS 4254 Ductwork for air-handling systems in buildings, building codes, gas, water and electricity regulations, standards for smoke alarms and work health and safety (WHS) codes of practice

- types and functions of building services and building construction components and requirements for installation
- location of building services on drawings
- protocols for coordination of building services
- strategies for cooperative practices
- building types including concrete, timber, block work and steel-framed
- construction types including slabs, walls, ceilings and roofs
- architectural and structural features.

Assessment Conditions

- Assessors must:
 - have vocational competency to participate in drafting projects for building services at least to the level being assessed with relevant industry knowledge and experience
 - satisfy the assessor requirements in the Standards for Registered Training Organisations 2015 or its replacement and comply with the National Vocational Education and Training Regulator Act 2011, its replacement or equivalent legislation covering VET regulation in a non-referring state/territory as the case requires.
- Where possible, assessment must occur in operational workplace situations. Where this is not possible or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment that reflects realistic operational workplace conditions that cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.
- Conditions for assessment must include access to all tools, equipment, materials and documentation required including relevant workplace procedures, product and manufacturing specifications.
- 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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Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b7050d37-5fd0-4740-8f7d-3b7a49c10bb2>