



Australian Government

Assessment Requirements for MEM10010 Install pipework and pipework assemblies

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEM10010B Install pipework and pipework assemblies

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria on at least two (2) occasions and include:

- following work instructions, standard operating procedures (SOPs) and safe work practices
- identifying and interpreting specifications, drawings, legislative and regulatory requirements for installing pipework and pipework assemblies
- preparing installation of pipework and pipework assemblies by determining sequence of installation
- ensuring all pipework are cleaned, purged and capped/sealed
- installing pipework and pipework assemblies using hangers and support systems without damage or distortion to the surrounding environment or other services
- leak testing pipework to specifications
- installing all ancillary devices and materials to specifications.

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 and use of personal protective equipment (PPE)
- installation techniques
- site and safety requirements
- cleaning procedures and the applications and precautions for using solvents/cleaning material
- purging techniques, applications and precautions
- capping/sealing pipework and assembly methods
- identification of location/layout of pipework and assemblies and application and characteristics of enclosure/hanging/supporting systems
- pipework, ancillary installation and joining procedures
- leak testing applications and uses
- regulations and legislative requirements, including building regulations and gas/fluid pipeline regulations.

Assessment Conditions

- Assessors must:
 - have vocational competency in installing pipework and pipework assemblies 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. This must 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.

Links

Companion Volume implementation guides are found in VETNet -

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