



Australian Government

Assessment Requirements for MEM10008 Undertake commissioning procedures for plant and/or equipment

Release: 2

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Modification History

Release 2. Quantum of hours of workplace practice removed. Supersedes and is equivalent to MEM10008 Undertake commissioning procedures for plant and/or equipment (Release 1).

Release 1. Supersedes and is equivalent to MEM10008B Undertake commissioning procedures for plant and/or equipment.

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 and drawings for undertaking commissioning procedures for plant and equipment that are new, or replaced or extensively modified
- planning the commissioning procedure in consultation with appropriate personnel and ensuring approvals are obtained in accordance with procedures
- assessing system performance by taking necessary measurements and readings using appropriate test equipment in a safe and effective manner and recording all variances from specifications
- adjusting plant/system performance to specifications and resolving technical difficulties with appropriate personnel
- providing reports in accordance with SOPs, as required.

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)
- sequence of events in the commissioning of the machine/plant
- performance tests appropriate to the machine/plant to be commissioned
- measurements required to ensure conformance to specifications and correct points at which measurements are to be taken
- appropriate adjustments to bring the machine/plant into line with operational specifications based on engineering principles or appropriate technical advice
- reporting requirements relevant to the machine/plant being commissioned.

Assessment Conditions

- Assessors must:
 - have vocational competency in undertaking commissioning procedures for plant and or equipment 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.
- Assessment must occur in a functioning workplace. Where assessment in the workplace would be unsafe, impractical or threatens the environment, assessment must occur in a sufficiently rigorous simulated environment that reflects the circumstances that would be experienced in a functioning workplace. Assessment must cover all aspects of workplace performance, including 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>