



Australian Government

**Assessment Requirements for MEM05067
Establish and maintain a welding procedure
management system**

Release: 1

Assessment Requirements for MEM05067 Establish and maintain a welding procedure management system

Modification History

Release 1. New Unit.

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 the ability to:

- establish privacy, backup and security procedures for a weld record management system
- make recommendations on the scope and format of a weld procedure management system for a fabrication enterprise
- interpret welder qualification and requalification requirements in at least three Australian or international welding standards
- establish a numbering system that allows for identification of each welding procedure specification (WPS) and links to the matching procedure qualification record (PQR) and other weld records
- issue correct weld procedure specifications for three workplace fabrication designs
- check and/or maintain welder log entries across at least three fabrication projects involving three or more welding processes.

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:

- welding parameters and processes
- technical drawings, welding symbols and weld joint identification
- Australian and international welding related standards and codes
- processes for approving new and revised WPS
- processes for establishing welder qualifications and welder continuity against WPS and welding standards and codes
- privacy procedures and regulations
- formats for weld procedure management systems
- relationship between designs, standards and codes, WPS, PQRs and welder qualification in the fabrication process.

Assessment Conditions

- Assessors must:
 - have vocational competency in establishing and maintaining a welding procedure management system 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.
- Knowledge assessment may be either verbal or written but must adequately reflect the knowledge requirements of the unit in a functioning workplace.
- 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>