



Australian Government

Assessment Requirements for MEM05064 Establish and maintain a weld record management system

Release: 1

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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:

- review welding operations to identify scope of the weld records management system
- establish rules for unique identifiers to be used in the weld record system
- establish procedures for record data entry, approval or verification before entry
- establish privacy, backup and security procedures for a weld record management system
- make recommendations on the scope and format of a weld record management system for a fabrication enterprise
- establish a library of standards and codes for an enterprise
- monitor and adjust the weld records management system against fabrication and welding operations in an enterprise.

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 and welding symbols
- methods manufacturers use to indicate the specification of materials including base metals, filler metals, gases, fluxes and other welding related consumables
- Australian and international welding related standards and codes and methods to determine their currency
- the relationship between designs in metal fabrication operations including:
 - drawings and customer specifications
 - codes and standards
 - procedure qualification records, and
 - welding procedure specifications
- privacy procedures and regulations
- formats for enterprise welding records systems.

Assessment Conditions

- Assessors must:
 - have vocational competency in establishing and maintaining a weld record 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>