



Australian Government

Assessment Requirements for MEM05024 Perform welding supervision

Release: 2

Assessment Requirements for MEM05024 Perform welding supervision

Modification History

Release 2. Quantum of hours of workplace practice removed. Supersedes and is equivalent to MEM05024 Perform welding supervision (Release 1).

Release 1. Supersedes and is equivalent to MEM05024B Perform welding supervision.

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
- instructing welders and determining welding parameters in accordance with procedures
- qualifying welders by training and testing against relevant procedures
- monitoring internal quality assurance plan and safety procedures ensuring materials can be traced to their source
- recording weld procedure and findings on internal quality assurance plan
- arranging for non-destructive/destructive testing appropriate to weld procedure and verifying results against 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 welding practices and procedures and use of personal protective equipment (PPE)
- welding science, principles and effects of heat treatment
- welding terms, codes and symbols
- welding processes, parameters and relation to weld quality
- welding procedures defined by code and technical requirements
- non-destructive testing.

Assessment Conditions

- Assessors must:
 - have vocational competency in performing welding supervision 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>