



Australian Government

Assessment Requirements for MEM05052 Apply safe welding practices

Release: 2

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Modification History

Release 2. Quantum of hours of workplace practice removed. Supersedes and is equivalent to MEM05052 Apply safe welding practices (Release 1).

Release 1. Supersedes and is equivalent to MEM05052A Apply safe welding practices.

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 work health and safety (WHS) information and legislation
- identifying risks and hazards associated with welding
- implementing risk control measures and procedures, including using appropriate manual handling techniques and personal protective equipment (PPE)
- reporting workplace non-compliances in accordance with workplace procedures.

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 PPE
- characteristics and properties of common metals and welding materials
- effect of gas and electrical welding operations on metals
- effect of various treatments on a range of commonly used metals
- WHS information and sources
- work-related safety information
- pollutants present as a result of welding activities
- all the welding processes, including equipment and material requirements
- hazards associated with welding processes and methods to minimise those hazards.

Assessment Conditions

- Assessors must:
 - have vocational competency in applying safe welding practices 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>