Assessment Requirements for MEM05052
Apply safe welding practices
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Modification History
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 include evidence of 160 hours of workplace practice associated with the skills of this unit in a functioning workplace.
- All aspects of competent application of the unit must be addressed including prerequisite competency units and associated workplace performance, including environment, 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 and its prerequisites 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.education.gov.au/Pages/TrainingDocs.aspx?q=b7050d37-5fd0-4740-8f7d-3b7a49c10bb2