



Australian Government

Assessment Requirements for MEMPE003 Use oxy-acetylene and soldering equipment

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEMPE003A Use oxy-acetylene and soldering equipment.

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:

- following work instructions and safe work practices
- reading and interpreting routine information on written job instructions
- preparing materials
- setting oxy-acetylene/heating equipment according to given instructions
- using oxy-acetylene equipment on at least two occasions to heat, braze and cut metal
- silver solder materials to meet job requirements on at least two occasions
- using appropriate measuring skills
- cleaning and storing of machines and equipment.

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:

- safe work practices and use of personal protective equipment (PPE)
- safe equipment operation practices
- heating equipment
- material and equipment preparation requirements
- basic marking out techniques
- use and care of measuring tools
- heating and cutting processes
- post-heating and cutting treatments.
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Assessment Conditions

- Assessors must:

- have vocational competency in using oxy-acetylene and soldering equipment 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 as the case requires.
- This unit must be assessed in a learning institution and must cover the successful use of oxy-acetylene and soldering equipment and the skills developed would usually be developed by an individual working alone under direct supervision
- 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.
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Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b7050d37-5fd0-4740-8f7d-3b7a49c10bb2>