



**Australian Government**

# **Assessment Requirements for MEM18003 Use tools for precision work**

**Release: 1**

# Assessment Requirements for MEM18003 Use tools for precision work

## Modification History

Release 1. Supersedes and is equivalent to MEM18003C Use tools for precision work

## 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
- preparing tools for precision outcomes, including selecting processes and engineering techniques, methods and procedures appropriate to the task
- determining and making tool adjustments to produce required outcome, where applicable
- selecting and using precision tools and equipment to produce the desired outcome to meet job specifications
- following designated procedures for dealing with unsafe or faulty tools
- undertaking routine repair/operational maintenance of tools and equipment and storing in accordance with 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 work practices and procedures and use of personal protective equipment (PPE)
- work to be undertaken and specifications to be achieved
- appropriate tools, processes and equipment required to carry out the work to the required specifications and reasons and procedures for using the selected tools
- engineering principles to be applied during the use of the tools
- manufacturers' specifications of the tools and equipment selected
- procedures for checking tools and equipment for correct and safe operation
- common faults and/or defects in tools and equipment used/selected
- procedures for marking unsafe or faulty tools and equipment for repair
- repairs/operational maintenance that can be made to the tools and equipment used/selected
- procedures for repairing/maintaining the tools and equipment used/selected
- procedures for checking/storing tools and equipment used/selected prior to storage and storage location.

## Assessment Conditions

- Assessors must:
  - have vocational competency in using tools for precision work 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
- Where possible assessment must occur in operational workplace situations. Where this is not possible or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment that reflects realistic operational workplace conditions. This must cover all aspects of workplace performance, including environment, 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>