



Australian Government

Assessment Requirements for MEM07032 Use workshop machines for basic operations

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEM07032B Use workshop machines for basic operations

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 specifications and work instructions for machine operations
- setting up machines and selecting, sharpening and mounting tools required for the required job
- mounting the material to be processed and safely operating the machine
- checking machined components to ensure it meets specifications and making adjustments, as required.

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)
- cutting tool sharpening methods and techniques
- units of measurement, tool geometry and numerical operations required for basic machining operations
- safe operation of tool sharpening equipment and consequences of incorrect sharpening
- machine set-up and consequences of incorrect speeds and feeds
- procedures for operating workshop machines
- reasons for poor surface finish.

Assessment Conditions

- Assessors must:
 - have vocational competency in using workshop machines for basic operations 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>