



**Australian Government**

**Assessment Requirements for MEM07028  
Operate computer controlled machines and  
processes**

**Release: 1**

# Assessment Requirements for MEM07028 Operate computer controlled machines and processes

## Modification History

Release 1. Supersedes and is equivalent to MEM07028B Operate computer controlled machines/processes

## 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, charts, lists and other applicable reference documents for computer controlled machine and process operations
- safely undertaking pre-start checks of the machine/process
- selecting appropriate program for the specified work and operating the machine, identifying any malfunctions and checking completed work to ensure it meets specifications
- monitoring the machine or process operation, adjusting and rectifying any tooling settings, as required
- reporting malfunctions or out-of-specification operation, where necessary.

## 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)
- pre-start checks for machines and process
- safety equipment, features and procedures associated with the machine or process
- procedures for accessing and verifying computer controlled programs installed in the machine controller
- computer controlled machine operating procedures
- typical machine malfunctions and procedures for reporting
- measuring instruments/techniques
- examples of tool wear and the effect on product or part specifications and procedures to be followed once tool wear has been detected
- techniques for replacing pre-set tools
- adjustments to tool offsets and the effect of adjustments on part or product specifications
- procedures for reporting product or part deviations.

## Assessment Conditions

- Assessors must:
  - have vocational competency in operating computer controlled machines and processes 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>