



Australian Government

**Assessment Requirements for MEM07025
Perform advanced machine and process
operation**

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MEM07025B Perform advanced machine or process operation

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, drawings and other applicable reference documents in performing advanced machine and process operations
- undertaking pre-start checks of a machine or process
- undertaking appropriate manual handling in loading, unloading and storing of finished work without damage
- operating a machine or process and determining required adjustments to process
- recording production data in accordance with standard operating procedures
- identifying and rectifying faults/deviations in raw material, product, process and equipment from specifications, 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)
- machine and process documentation requirements including production recording and reporting requirements
- required pre-start checks of a machine or process
- machine or process start-up and unloading procedures
- reasons and procedures for programmed operational maintenance
- necessary component/feed stock levels to ensure continuous process
- types of raw material, product, process and equipment fault/deviations and corrective actions
- procedures to be followed in emergency situations
- consequences of improper handling and storing of finished work.

Assessment Conditions

- Assessors must:
 - have vocational competency in performing advanced machine and process 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>