



Australian Government

**Assessment Requirements for
PMBPROD306E Prepare and start
equipment for production**

Release: 1

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Modification History

Release 1. Unit code changed. Application changed. Elements and Performance Criteria changed. Range of Conditions removed. Assessment Requirements changed. Supersedes and is equivalent to PMBPROD306 Prepare and start equipment for production.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- prepare and start equipment for production at least once to meet job specifications.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- the functions and applications of analogue controls, digital controls, and microprocessor-based process controls
- the structure, functions and principles of operation of equipment, machine components and ancillary equipment
- the functions of and readings from measuring instruments, including one or more of:
 - thermocouples
 - pyrometers
 - transducers
 - thermometers
 - pressure gauges
 - vacuum gauges
 - flow meters
- the purpose and operation of safety interlocks and systems, including:
 - limit switches
 - machine guards
- the criteria for overall process/equipment readiness for the process or equipment being used
- production workplace sequences and materials demand
- typical quality standards required at each stage of production
- key equipment variables that may affect product quality and production output
- typical and atypical equipment-based problems, including early warning signs, possible causes and corrective actions
- organisational procedures relevant to the work environment or job role, including procedures for the emergency shutdown of equipment

- hazards that may arise in the job or work environment, and:
 - their possible causes
 - potential consequences
 - appropriate risk controls.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet – -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=932aacef-7947-4c80-acc6-593719fe4090>