



Australian Government

**Assessment Requirements for
PMBPREP301E Set up and prepare for
batch production**

Release: 1

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Modification History

Release 1. Unit code and title changed. Application changed. Elements and Performance Criteria changed. Range of Conditions removed. Assessment Requirements changed. Supersedes and is equivalent to PMBPREP301 Set up and prepare 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:

- set up and prepare for batch production to meet job specifications at least once.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- the function and operating principles of batch production equipment, machine components and ancillary equipment
- batch production workflow sequences and materials demand
- the nature of mechanical, hydraulic, pneumatic, electrical and electronic principles that may affect machine operation and product development
- products, materials and material characteristics, and their relationship to the batch production process
- typical quality standards required at each stage of batch production, and procedures for quality management
- key variables that may affect product quality and production output, including impact of machine operating parameters and product parameters
- the distinguishing characteristics of causes of problems, alarms and fault indicators as being based on either operational problems or product parameters (temperature, flows, pressures and levels)
- typical process and product 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>