



Australian Government

Assessment Requirements for PMBPROD300E Produce products

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 PMBPROD300 Produce products.

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:

- produce products at least once to meet job specifications.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- function and operating principles of machinery and components, and ancillary equipment
- the criteria for overall process/equipment readiness for the process or equipment being used
- production workflow sequences and materials demand
- products, materials and material characteristics
- types and behaviour of materials in relation to key process variables
- polymer properties and their interactions with process conditions
- impact of variations in raw materials and equipment operation in relation to final product
- typical quality standards required at each stage of production
- key variables that may affect product quality and production output, including:
 - temperatures
 - speed
 - pressures
 - colour
 - cycle time/process timing
 - output rate
 - product weight
 - product integrity and general conformance to specification
- impact of mechanical, hydraulic, pneumatic and electrical/electronic principles of the production process
- typical and atypical process and product problems, including early warning signs, possible causes and corrective actions
- methods and materials for purging equipment, and their combinations and applications
- organisational procedures relevant to the work environment and job role, including procedures for the emergency shutdown of equipment

- hazards that may arise in the job/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>