



Australian Government

Assessment Requirements for PMBPROD307E Produce calendered rubber or vinyl products

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 PMBPROD307 Produce calendered 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 calendered rubber or vinyl products at least once to meet job specifications.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- the functions and operating principles of calendering equipment, machine components and ancillary equipment
- mechanical, hydraulic, pneumatic, electrical and electronic principles that affect machine operation
- calendering workflow sequences and materials demand
- products, materials and material characteristics and behaviour of materials in the calender in relation to:
 - heat
 - pressure
 - flow rate
 - tension
 - time
- the criteria for overall process/equipment readiness for the process or equipment being used
- typical quality standards required at each stage of production
- key variables that may affect product quality and production output:
 - operating temperatures
 - speed
 - nip settings
 - tension
 - materials consistency
 - surface finish
 - product integrity and general conformance to specification

- 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>