



Australian Government

Assessment Requirements for PMBPROD316E Produce blown film

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 PMBPROD316 Produce blown film.

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 blown film at least once to meet job specifications.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- the functions of blown film equipment and ancillary equipment
- the principles of operation of blown film equipment and ancillary equipment
- mechanical, hydraulic, pneumatic, electrical and electronic principles that affect machine operation
- blown film manufacturing processes and materials demand
- the criteria for overall process/equipment readiness for the process or equipment being used
- characteristics of polymer materials and their behaviour in relation to extrusion
- typical quality standards required at each stage of production
- key variables that may affect product quality and production output, including:
 - operating temperatures
 - melt temperatures
 - nip and winding speeds
 - nip roller settings
 - amperage
 - corona treatment settings
 - back pressures and currents
 - output rate
 - product thickness
 - slitters
 - trimmers
 - die gaps
 - product integrity and general conformance to specification

- typical and atypical 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>