



Australian Government

Assessment Requirements for PMBPROD280E Operate a chopper gun to lay-up composites

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 PMBPROD280 Operate resin-glass depositor equipment.

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:

- operate a chopper gun to lay-up composites at least once to meet job specifications.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- the function of chopper guns, their components and ancillary equipment
- principles of operation of the equipment
- the criteria for overall process or equipment readiness for the process or equipment being used, including moulds
- production workflow sequences and materials demand
- key variables that may affect product quality and production output, including:
 - machine conditions
 - humidity and temperature
 - ratio of fibre or additives to resin
 - production rate
 - product integrity and general conformance to specifications
- 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>