



Australian Government

Assessment Requirements for PMBPROD380E Produce composites products using mechanised open mould wet lay-up

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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 PMBPROD380 Produce composites using chopper gun/depositor.

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 composites using mechanised open mould wet lay-up at least once to meet job specifications.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- the functions and operating principles of mechanised open mould wet lay-up equipment
- requirements for correct spraying of materials onto the mould surface
- production workflows and their characteristics
- types of materials and their characteristics, including pot life of the resins used
- 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 including:
 - common adjustments that can be made
 - impact of variations in raw materials and equipment operation in relation to final product
 - possible changes to materials properties to better suit specific process requirements
 - impact of ambient conditions and temperature
 - output variables, product quality, thickness, colour and integrity
- 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>