



Australian Government

Assessment Requirements for PMBPROD355E Make pattern or plug for composites moulds

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 PMBPROD355 Make pattern/plug for composites moulds.

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:

- make a pattern or plug for a composite mould at least once to meet job specifications.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- composite moulding processes and function and operating principles of moulding equipment
- production workflow sequences and materials demand
- characteristics of materials and their behaviour in the processes
- the criteria for overall process/equipment readiness for the process or equipment being used
- quality requirements at each stage of construction
- moulding process variables that affect pattern or plug construction and materials, including
 - temperatures
 - colour and uniformity
 - surface finish or appearance
 - times (including curing rates)
 - general conformance to specification
- product design requirements that affect pattern or plug construction and materials
- common options and adjustments in pattern or plug construction, including methods for surface treatment, preparation and repair
- 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
- 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>