



Australian Government

Assessment Requirements for PMBPROD347E Mould composites products using hand lay-up techniques

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 PMBPROD347 Produce composites using hand lamination.

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:

- mould composites products using hand lay-up techniques at least once to meet job specifications.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- the hand lamination manufacturing process and phases of the wet moulding cycle
- characteristics of materials and their behaviour in relation to process conditions and stages of production, including:
 - resins
 - fibre reinforcement
 - gel coats
 - cores, fillers and surface finishes
- characteristics and properties of materials required to form a composite structure of the required strength and surface finish
- typical quality standards required at each stage of production
- typical and atypical process and product problems, including early warning signs, possible causes and corrective actions, and key variables that may affect product quality and production output
- 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>