



Australian Government

Assessment Requirements for PMBTECH405E Repair damaged fibre-composites structures

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 PMBTECH405 Repair damaged fibre-composites structures.

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:

- repair damaged fibre-composites structures at least once to meet quality standards.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- repair techniques, including:
 - surface and part preparation
 - laminating, reinforcing and strengthening techniques
 - filling and joining techniques
 - surface preparation for paint, gelcoat and flowcoat
 - detailing for customer delivery
- rectification procedures for repair of marine, automotive, aerospace, industrial and architectural mouldings
- sources of product information to support repair assessment, including:
 - original manufacturer manual
 - structural repair manual
 - product release documentation or specifications
 - insurance documentation
 - other technical documentation
- types of documentation potentially required, including:
 - costing
 - legal
 - insurance.

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>