



**Australian Government**

# **PMBPREP201E Prepare moulds for composites production**

**Release: 1**

# PMBPREP201E Prepare moulds for composites production

## 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 PMBPREP201 Prepare moulds for composites production.

## Application

This unit describes the skills and knowledge required to prepare mould surfaces, apply mould release systems and mask-up mould for production.

This unit applies to an individual working alone or as part of a team.

The unit principally refers to the care and preparation of mould surfaces, which is critical to the production process.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

## Pre-requisite Unit

Nil

## Competency Field

Preparation – Composites

## Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare mould surfaces	1.1 Prepare mould surfaces in readiness for use 1.2 Perform temporary repairs of minor mould surface defects to enable use 1.3 Clean up equipment and work areas according to workplace procedures when surface preparation is completed
2. Apply mould release system	2.1 Select correct system for job according to system specifications for application 2.2 Apply system to mould surfaces according to manufacturer specifications 2.3 Perform tape-test of surface release system with selected tapes to

<b>Elements</b>	<b>Performance Criteria</b>
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	ensure compatibility
3. Apply mask to mould	3.1 Select suitable masking tape from tape test results 3.2 Apply masking tape and other necessary materials to ensure mould readiness for production

## Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance.

- Numeracy skills to measure materials.
- Reading skills to interpret specifications.

*Other foundation skills essential to performance are explicit in the performance criteria of this unit of competency.*

## Unit Mapping Information

Supersedes and is equivalent to PMBPREP201 Prepare moulds for composites production.

## Links

Companion Volume implementation guides are found in VETNet --

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=932aacef-7947-4c80-acc6-593719fe4090>