Australian Government

# PMBFIN201E Finish components and products

**Release: 1**

# PMBFIN201E Finish components and products

## 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 PMBFIN201 Finish products and components.

## Application

This unit describes the skills and knowledge required to use finishing and assembly processes and equipment to prepare components and products for use by customers or in secondary manufacturing processing.

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

The unit principally refers to finishing to cover a range of secondary value-adding processes such as trimming, grinding, applying protective coatings and inspecting the product for expected and unexpected imperfections. It also refers to cleaning, sorting, assembly and reworking of minor surface imperfections.

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

Finishing – Composites, Plastics Fabrication, Polyurethane, Rotational Moulding

## 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. Check work requirements and prepare for work | 1.1 Identify requirements from job specifications and assemble equipment and other required items<br><br>1.2 Confirm work planning process by consulting workplace procedures and safety data sheets<br><br>1.3 Ensure safety equipment is available and in good operational condition according to equipment specifications<br><br>1.4 Remove products from equipment according to handling procedures |

| Elements | Performance Criteria |
|---|---|
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| | 1.5 Identify end of production run and cease production according to job specifications and workplace procedures |
| 2. Check quality of product | 2.1 Inspect product to identify finishing requirements |
| | 2.2 Identify and report significant finning, flashing or other quality problems |
| | 2.3 Modify finishing process to amend output, and verify changes result in acceptable quality outputs |
| | 2.4 Identify and process nonconforming products according to quality management procedures |
| 3. Perform finishing operation | 3.1 Trim product according to job specifications |
| | 3.2 Undertake other finishing processes including application of protective coatings and secondary process operations according to job specifications |
| | 3.3 Apply waste management and recycling strategies according to workplace procedures |
| | 3.4 Inspect finished product for suitability for further processing, for customer delivery or for remediation, according to job specifications and workplace procedures |
| | 3.5 Assemble and sort finished products to meet delivery requirements |
| | 3.6 Prepare finished packages for transfer according to handling and packing procedures |
| | 3.7 Accurately record product data |
| | 3.8 Clean equipment and work area and perform other housekeeping tasks |
| 4. Respond to product imperfections | 4.1 Recognise product imperfections and their causes |
| | 4.2 Determine, prioritise and implement remedial actions based on identified issues and causes |
| | 4.3 Accurately maintain records and logbooks |

# Foundation Skills

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

- Numeracy skills to interpret measurements and other job specification requirements, and to record data
- Reading skills to interpret job and equipment specifications and workplace procedures.
- Writing and oral communication skills to record and report on finishing product and production data and process control variances.

*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 PMBFIN201 Finish products and components.

# Links

Companion Volume implementation guides are found in VETNet – - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=932aacef-7947-4c80-acc6-593719fe4090