



Australian Government

FWPWPP3224 Profile sand products

Release: 1

FWPWPP3224 Profile sand products

Modification History

Release	Comment
1	Replaces equivalent unit FPIWPP3224B Profile sand products, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format.

Application

This unit of competency describes the outcomes required to profile sand surfaces of curved or shaped products to achieve a smooth surface.

The unit applies to production technicians and operators that profile sanding products in a forest and wood products factory setting.

Licensing, legislative, regulatory, or certification requirements apply to this unit in some states and territories at the time of publication, and may differ according to jurisdiction.

Pre-requisite Unit

Nil

Unit Sector

Wood Panel Products

Timber Manufactured Products

Elements and Performance Criteria

<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.</i>
1. Plan and prepare for sanding.	1.1 Review and check work order with relevant personnel. 1.2 Identify hazards and control risk according to site procedures. 1.3 Retrieve type and quantity of profiles to be sanded from the production process. 1.4 Check equipment for operational effectiveness in line with manufacturer's recommendations, using an inspection checklist.

	1.5 Plan sanding process in line with site procedures. 1.6 Communicate plan with relevant personnel according to site procedures.
2. Sand profiles and report faults.	2.1 Set sanding profile and feed rate for optimal smoothing of product and adjust to suit varying products. 2.2 Perform profile sanding in line with site requirements. 2.3 Regularly check and clean dust extraction equipment to avoid blockages. 2.4 Visually assess product quality to ensure specified outcome has been achieved. 2.5 Remove and replace worn sanding medium as required. 2.6 Reject and dispose of products with sanding defects in line with site procedures and environmental requirements. 2.7 Record and report sanding process and equipment faults to appropriate personnel.
3. Grade and distribute products and clean up.	3.1 Grade products in line with site requirements and industry standards. 3.2 Move material to storage or processing operations in line with site requirements. 3.3 Clean work area in line with site requirements.

Foundation Skills

This section describes those core and employment skills that are essential to performance and are not explicit in the performance criteria.

Numeracy skills to:	• set and adjust parameters on equipment • use grading codes
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Range of Conditions

Not Applicable

Unit Mapping Information

FPIWPP3224B Profile sand products.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>

Assessment Requirements for FWPWPP3224 Profile sand products

Modification History

Release	Comment
1	Replaces equivalent unit FPIWPP3224B Profile sand products, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format. Assessment requirements now specify the performance and knowledge evidence, as well as assessment conditions for this unit of competency. These sections simplify and replace components used in the previous unit format, including Required Skills and Knowledge, Evidence Guide and Range Statement.

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. If a specific volume or frequency is not stated below, then evidence must be provided that the following requirements have been performed on at least one occasion:

- control risk in the work environment
- safely and efficiently profile sand products in line with workplace requirements using profile sanding machinery
- set profile sanding parameters for different products
- clean dust extraction equipment
- remove and replace sanding mediums
- visually assess product quality and dispose of defective products
- grade products in preparation for distribution
- distribute products on-site using designated equipment.

Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- site standards, workplace requirements and safe work procedures for profile sanding products
- hazards and risks associated with the profile sanding process, and how to control them
- different sanding techniques suited to different products with varying characteristics and profile types
- characteristics of timber and panels
- procedures for visually inspecting product quality and identifying defects

- procedures for disposal of defective products according to environmental guidelines
- distribution procedures following profile sanding operations
- established communication channels and protocols
- procedures for the use, operation and maintenance of tools and equipment used to profile sand products
- procedures for recording and reporting sanding process and equipment faults
- procedures for cleaning the work area.

Assessment Conditions

The following resources must be made available:

- work order
- profile sanding machine
- sanding medium: sandpaper, emery cloth, sanding belt
- transferral equipment
- timber products which must include one or more of the following:
 - solid timber/moulded panel strips
 - building components
 - furniture components
 - bench tops
 - shaped panels
 - articles with moulded or shaped edges/surfaces
- relevant personnel for the purposes of communicating information
- documents, spreadsheets and commonly used proforma documents
- personal protective equipment:
 - safety glasses
 - protective footwear
 - high visibility clothing.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.

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