



Australian Government

FWPWPP3225 Produce profile sanding shoes and wheels

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPIWPP3225B Produce profile sanding shoes and wheels, 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 produce profile sanding shoes and wheels that match the product profile to be sanded.

The unit applies to production technicians and operators that produce profile sanding shoes and wheels 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. Prepare for production.	1.1 Review and check work order with appropriate personnel. 1.2 Identify hazards and control risk in the work area according to work health and safety (WHS) requirements. 1.3 Retrieve from stock, type and quantity of blanks for shoes and wheels to be produced. 1.4 Conduct pre-start checks on equipment in line with manufacturer's

	recommendations and site requirements. 1.5 Plan production process in line with site procedures. 1.6 Communicate plan with others as required, to ensure safety and production requirements are met, in line with site procedures.
2. Produce shoes and wheels.	2.1 Produce template from tin or other metal plate to match profile. 2.2 Position shoe or wheel in machine and shape in line with template, stopping regularly to check shaping with template. 2.3 Label wheels or shoes to follow profile. 2.4 Install wheels or shoes into profile sander in preparation for profile sanding operations. 2.5 Reject and dispose of templates with defects in line with site procedures and environmental requirements. 2.6 Record and report production process and equipment faults to appropriate personnel.
3. Conduct operator maintenance.	3.1 Follow equipment lock-out procedures in line with site procedures. 3.2 Check and maintain condition of shoe or wheel shaping equipment. 3.3 Check shaper cutters for blunt or damaged condition and sharpen as required. 3.4 Clean tool room and clear of waste in line with site procedures.

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 profile sanding equipment.
Reading skills to:	read manual or computer-based information: production, quality, maintenance information.
Writing skills to:	- record equipment inspection and maintenance information (checklists, fault reports) - complete log book requirements (manual or electronic).

Range of Conditions

Not Applicable

Unit Mapping Information

FPIWPP3225B Produce profile sanding shoes and wheels.

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 FWPWPP3225 Produce profile sanding shoes and wheels

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Release	Comment
1	Replaces equivalent unit FPIWPP3225B Produce profile sanding shoes and wheels, 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:

- produce profile sanding shoes and wheels in line with safe work procedure
- insert profile sanding shoes and wheels in a profile sanding machine to match given profiles
- mount a wheel in a metal lathe
- form the shape of a profile with the aid of a template
- visually assess templates to identify defects and dispose of defective materials according to site and environmental protection requirements
- lock-out equipment, visually inspect condition of components and sharpen or replace worn components
- record production, quality and maintenance information using manual or computer-based data entry system (log book or computer).

Knowledge Evidence

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

- safe work procedures for producing profile sanding shoes and wheels
- procedures for set-up of profile sanding equipment procedures for hazard identification and risk control relevant to own work role
- procedures for recycling or re-using defective templates and disposing of waste material according to environmental protection requirements

- profiling techniques
- wheel and shoe production methods
- established communication channels and protocols used to interact with workplace personnel
- procedures for fault finding to determine product quality
- procedures for use, operation and maintenance of shaping equipment and components, including equipment lock-out procedures
- procedures for recording and reporting production, quality and maintenance information.

Assessment Conditions

The following resources must be made available:

- work order
- pre-start checklist
- shoe and wheel shaping equipment
- profile sander, sanding shoes and wheels
- template material
- manual or computer-based recording system to record production, quality and maintenance information
- relevant personnel for the purposes of communicating information
- 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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