



Australian Government

FWPWPP3226 Operate a continuous press

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPIWPP3226B Operate a continuous press, which was first released with FPI05 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 set-up, operate and shut-down the continuous press to form and press board for a range of available boards.

The unit applies to production operators and technicians who operate a continuous press in a forest and wood products factory setting.

Licensing, legislative, regulatory, or certification requirements apply to this unit in some states & 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 pressing.	1.1 Review and check work order with appropriate personnel. 1.2 Identify hazards and control risk in the work area according to workplace requirements. 1.3 Select type and quantity of chips, flakes or fibre to be pressed, from storage location. 1.4 Conduct pre-start checks on equipment in line with manufacturer's recommendations and site requirements.

	1.5 Plan pressing process in line with site procedures. 1.6 Communicate plan with relevant personnel as required, to ensure safety and production requirements are met, in line with site procedures.
2. Form, press, test and transfer finished boards.	2.1 Set and adjust press pressures, temperatures and product parameters according to production requirements. 2.2 Check operational condition and set-up of former to confirm mat condition. 2.3 Check forming equipment for defects and position to load press in line with standard operating procedures. 2.4 Press boards while monitoring and adjusting board position, feed rate, mat condition and press condition. 2.5 Plan size changes and line speeds to meet production schedules. 2.6 Regularly assess pressed board and thickness changes and make necessary changes to former, press set-up and blending requirements. 2.7 Test board samples to confirm adherence to industry standard and reject defective boards. 2.8 Dispose of defective boards in line with site procedures and environmental requirements. 2.9 Transfer finished boards for further processing in line with site requirements.
3. Shut down, clean equipment and record information.	3.1 Shut down equipment in coordination with designated stop time and other line operators, in line with site procedures. 3.2 Separate and remove board and forming equipment from press using unloading equipment. 3.3 Strip and clean blending equipment, press and handling equipment in line with standard operating procedures. 3.4 Clear foreign material, dust and debris from machine area in line with workplace requirements. 3.5 Record and report pressing process and equipment faults to appropriate personnel.

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:	• monitor gauges, dials, instruments displaying numerical information, cycle times • estimate feed rate and line speed to meet production requirements • measure moisture content, weight, thickness and density of panels during testing.
Reading skills to:	• read production, quality and maintenance information.
Writing skills to:	• record equipment inspection and maintenance information (checklists, fault reports).
Problem solving skills to:	• identify and resolve problems and faults during the pressing process.

Range of Conditions

Not Applicable

Unit Mapping Information

FPIWPP3226B Operate a continuous press.

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 FWPWPP3226 Operate a continuous press

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1	Replaces equivalent unit FPIWPP3226B Operate a continuous press, which was first released with FPI05 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:

- identify hazards and control risk in the work area
- operate blending and continuous press equipment to bond and produce board in line with safe work procedures and production requirements
- identify defective boards using visual assessment and by testing sample boards
- dispose of defective boards
- redistribute material onsite using designated equipment
- perform lock-out procedure and clean press equipment according to safe work procedure
- record and report board pressing process information (production, quality, faults) using workplace specific recording and reporting channels and protocols (manual or computer-based log, communication with relevant personnel).
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Knowledge Evidence

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

- procedures for identifying hazards and controlling risk in the work environment
- procedures for the use, operation and maintenance of a continuous press including emergency shut-down and lock-out procedure
- safe work procedures relevant to forming and pressing board using a continuous press
- board defects: surface blemishes, discolouration, natural timber defects, deformities, clean scalping from pendistors

- ingredients and blending methods used in the board pressing process
- chip, flake and fibre characteristics
- established communication channels and protocols and how they are used to support safety and production requirements
- procedures for testing board samples to check conformance with industry standard
- procedures for identifying and disposing of defective boards and waste materials according to environmental protection requirements and site procedures
- adjustment of feed rates to meet production requirements
- common pressed board types: medium density fibreboard, chipboard, fibreboard
- procedures for recording and reporting information relevant to the board pressing process (production, quality, faults)
- procedures for responding to an emergency during the board pressing process: serious incident, fire or equipment fault.

Assessment Conditions

The following resources must be made available:

- work order
- pre-start checklist
- personal protective equipment required for operating a continuous press
- continuous press with continuous forming line
- forming equipment
- chips, flakes or fibre, binding ingredients, hardening agents
- transfer equipment
- relevant personnel for the purposes of communicating information
- manual or computer-based log to record production, quality and fault information.

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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