

Modification history

Release	Comments
Release 2	This version released with FWP Forest and Wood Products Training Package Version [4.0] Version created to update workplace health and safety requirements in performance criteria and clarify intent of unit and assessment requirements.
Release 1	This version 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.

UNIT CODE	FWPWPP3226 Operate a continuous press
Application	<p>This unit of competency describes the skills and knowledge required to set-up, operate and shut-down the a continuous press <u>used in the production of for forming and pressing board for a range of</u> engineered wood panels.</p> <p>The unit applies to individuals who work as production operators and technicians in an engineered wood panel facility. <u>-Operators generally work under broad or limited direction to complete routine activities related to own work and take responsibility for their work.</u></p> <p><u>All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation and standards that apply to the workplace.</u></p> <p><u>No licensing, legislative, regulatory, or certification requirements apply to this unit at the time of publication. who operate a continuous press in a forest and wood products factory setting.</u></p> <p><u>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.</u></p>
Prerequisite Unit	Nil
Unit Sector	Wood Panel Products Timber Manufactured Products

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for pressing <u>operation</u>	<p>1.1 Review and check work order with appropriate personnel</p> <p><u>4-2-1.2 Follow workplace health and safety requirements, environmental protection practices and emergency procedures and use personal protective equipment (PPE) in line with operational requirements throughout pressing operation</u></p> <p><u>1.3 Identify and report hazards, accidents, incidents and/or near misses in line with operational requirements and health and safety legislative requirements to maintain safe work practices</u> Identify hazards and control risk in the work area according to workplace requirements</p> <p>1.3 Select type and quantity of chips, flakes or fibre to be pressed, from storage location</p> <p>1.4 Conduct pre-start checks on equipment in line with manufacturer recommendations and site requirements</p> <p>1.5 Plan pressing process in line with site procedures</p> <p>1.6 Communicate plan with relevant personnel as required, to ensure safety and production requirements are met, in line with site procedures</p>

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
2. Form, press, test and transfer finished boards <u>engineered wood panels</u>	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 <u>engineered wood panel</u> 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 boards <u>engineered wood panels</u> and thickness changes and make necessary changes to former, press set-up and blending requirements- 2.7 Test boards <u>engineered wood panels</u> samples to confirm adherence to industry standard and reject defective boards <u>panels</u> 2.8 Dispose of defective boards <u>engineered wood panels</u> in line with site procedures and environmental <u>protection</u> requirements 2.9 Transfer finished boards <u>engineered wood panels</u> 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	
<i>This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.</i>	
Skill	Description
Numeracy	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> read production, quality and maintenance information
Writing	<ul style="list-style-type: none"> record equipment inspection and maintenance information (checklists, fault reports)
Problem solving	<ul style="list-style-type: none"> identify and resolve problems and faults during the pressing process

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
FWPWPP3226 Operate a continuous press	FWPWPP3226 Operate a continuous press	Updated workplace health and safety requirements in performance criteria and clarified intent of unit and assessment requirements	Equivalent unit

Links	Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47
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TITLE	Assessment requirements for FWPWPP3226 Operate a continuous press
Performance Evidence	
<p>An individual demonstrating competency must satisfy all of the elements, performance criteria and foundation skills of this unit. There must be evidence that, on at least one occasion, the individual has:</p> <ul style="list-style-type: none"> • followed workplace health and safety requirements and environmental protection procedures for forming and pressing engineered wood panels • identified hazards and control risk in the work area • operated blending and continuous press equipment to bond and produce board-engineered wood panel in line with safe work procedures and production requirements • identified defective engineered wood boardspanels using visual assessment and by testing sample boardspanels • disposed of defective boards-engineered wood panels • redistributed finished material-engineered wood panels onsite using designated equipment • performed lock-out procedure and clean press equipment according to workplace health and safety work procedure • recorded and reported board-forming and pressing process information (production, quality, faults) using workplace specific recording and reporting channels and protocols (manual or computer-based log, communication with relevant personnel). 	
Knowledge Evidence	
<p>An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:</p> <ul style="list-style-type: none"> • health and operational hazards or risks related to forming and pressing engineered wood panels as identified through risk assessments, manufacturer technical information, regulations and industry health and safety guides • organisational procedures specific to forming and pressing engineered wood panels: <ul style="list-style-type: none"> • workplace health and safety with particular emphasis on equipment lock out, emergency procedures, use of personal protective equipment and handling hazardous substances • use, operation and maintenance of equipment • communication reporting lines • recording and reporting production outcomes and equipment faults • environmental protection practices for forming and pressing engineered wood panels: <ul style="list-style-type: none"> • reducing water and energy use • cleaning plant, tools and equipment • identifying and disposing of materialsengineered wood panels and waste materials • 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-engineered wood panels defects: surface blemishes, discolouration, natural timber defects, deformities, clean scalping from pendistors • ingredients and blending methods used in the board-engineered wood panels 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	
<p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none"> • physical conditions: <ul style="list-style-type: none"> • skills must be demonstrated in an environment that accurately represents workplace conditions • resources, equipment and materials: <ul style="list-style-type: none"> • 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 • manual or computer-based log to record production, quality and fault information. • specifications: <ul style="list-style-type: none"> • work order • <u>pre-start checklist</u> • <u>template documents for recording production outcomes, equipment faults and maintenance requirements</u> • <u>workplace health and safety and emergency procedures</u> • <u>environmental protection procedures</u> • relationships: <ul style="list-style-type: none"> • relevant personnel for the purposes of communicating information <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
Links	<p>Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47</p>