



**Australian Government**

# **FWPSAW3206 Dry softwood**

**Release: 1**

## FWPSAW3206 Dry softwood

### Modification History

Release	Comment
1	Replaces equivalent unit FPISAW3206B Dry softwood, 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 prepare timber racks for processing, load and unload conventional and high temperature kilns and to monitor and control kiln conditions to dry and recondition softwood. Work is completed in a forest products factory setting.

The unit applies to those who dry softwood using a kiln in a forest products factory setting.

No licensing, legislative, regulatory, or certification requirements apply to this unit at the time of publication.

### Pre-requisite Unit

Nil

### Unit Sector

Sawmilling and Processing

Wood Panel and Board Production

### 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 drying	1.1 Review work order and where required check with appropriate personnel.  1.2 Select appropriate personal protective and other equipment and use in line with manufacturer's recommendations.  1.3 Identify and obtain type and quantity of softwood to be dried from conversion process.

	1.4 Plan drying process in line with work order.
2. Load and control kiln conditions	<p>2.1 Assess racks visually to ensure consistent drying requirements for timber and adjust as required.</p> <p>2.2 Measure moisture content and routinely compare with anticipated levels in line with organisational procedures.</p> <p>2.3 Complete pre start-up equipment checks to ensure operational effectiveness.</p> <p>2.4 Load kiln with racks selected for processing and report to appropriate personnel.</p> <p>2.5 Position baffles and blankets in line with manufacturer's instructions.</p> <p>2.6 Adjust and check kiln control settings regularly in line with drying schedules and organisational safety procedures.</p> <p>2.7 Follow emergency shutdown procedures when alarm is triggered.</p>
3. Unload kiln and process softwood	<p>3.1 Identify drying end point and make kiln safe for entry.</p> <p>3.2 Open kiln and identify moisture content of processed softwood.</p> <p>3.3 Remove moisture probes and baffles from timber.</p> <p>3.4 Direct and move softwood to storage or processing operations in line with organisational procedures.</p> <p>3.5 Identify sub-standard material and re-process or direct for lower value usage.</p> <p>3.6 Keep work area clean and clear of debris in line with organisational safety procedures.</p> <p>3.7 Identify routine processing and equipment faults and resolve or report to appropriate personnel.</p>

## 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:	<ul style="list-style-type: none"> <li>complete routine measurements of timber moisture levels</li> <li>read basic kiln temperature settings; set and adjust levels according to drying requirements.</li> </ul>
Oral communication skills to:	<ul style="list-style-type: none"> <li>ask questions and actively listen to clarify contents of work orders.</li> </ul>

Reading skills to:	<ul style="list-style-type: none"> <li>interpret: <ul style="list-style-type: none"> <li>workplace health and safety and other organisational procedures</li> <li>work orders</li> <li>manufacturers' instructions and recommendations.</li> </ul> </li> </ul>
Writing skills to:	<ul style="list-style-type: none"> <li>complete accurate basic records for processing and equipment faults.</li> </ul>
Planning and organising skills to:	<ul style="list-style-type: none"> <li>efficiently and logically sequence the stages of preparation and kiln drying work using work order to guide activities.</li> </ul>
Problem-solving skills to:	<ul style="list-style-type: none"> <li>monitor kiln operation and respond to deficiencies by adjusting drying conditions</li> <li>respond to emergency situations and swiftly shut down kiln</li> <li>identify sub-standard material and re-process or direct for lower value usage</li> <li>recognise faulty equipment and resolve by reporting or rectifying.</li> </ul>

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## Range of Conditions

Not Applicable

## Unit Mapping Information

FPISAW3206B Dry softwood

## Links

Companion Volume implementation guides are found in VETNet -

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