



**Australian Government**

# **FWPSAW3210 File and set saws**

**Release: 2**

## FWPSAW3210 File and set saws

### Modification History

Release	Comments
Release 2	This version released with FWP Forest and Wood Products Training Package Version 3.0.
Release 1	This version released with FWP Forest and Wood Products Training Package Version 2.0.

### Application

This unit of competency describes the outcomes required to position blades in jigs or vices, produce bevels along the back clearance angles of teeth, check blade clearance requirements and set teeth to site requirements. Work is completed in a forest products factory setting.

The unit applies to Sawdoctor, Saw Repairer, Sawyer.

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

### Elements and Performance Criteria

Element	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 filing and saw setting	<p>1.1 Review work order and, where required, check with appropriate personnel.</p> <p>1.2 Select appropriate repair, maintenance and personal protective equipment and check for operational effectiveness in line with manufacturer's recommendations.</p>

	<p>1.3 Plan setting process in line with work order.</p> <p>1.4 Follow organisational safety procedures throughout all maintenance and repair processes.</p>
2. Set saw	<p>2.1 Set up saw in selected jig to enable setting work.</p> <p>2.2 Check kerf and finish requirements to suit machine horsepower, saw type and cutting conditions.</p> <p>2.3 Examine individual teeth to check amount of setting required.</p> <p>2.4 Maintain welding condition, saw temper and consistency of set between alternate teeth.</p> <p>2.5 Measure and assess teeth for correct setting.</p> <p>2.6 Bevel teeth and assess bevel length.</p> <p>2.7 Apply set to teeth and allow for estimated spring back.</p> <p>2.8 Check set to teeth using gauges in line with organisational procedures.</p> <p>2.9 Identify routine processing and equipment faults and resolve or report to appropriate personnel.</p>

## Foundation Skills

<i>This section describes those core and employment skills that are essential to performance and are not explicit in the performance criteria.</i>	
Numeracy skills to:	<ul style="list-style-type: none"> <li>complete precise calculations to file and set saws to correct angle</li> <li>estimate springback.</li> </ul>
Oral communication skills to:	<ul style="list-style-type: none"> <li>ask open and closed probe 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 procedures</li> <li>work orders</li> <li>manufacturer's maintenance recommendations.</li> </ul> </li> </ul>
Writing skills to:	<ul style="list-style-type: none"> <li>complete basic accurate records of processing and equipment faults.</li> </ul>
Planning and organising skills to:	<ul style="list-style-type: none"> <li>efficiently and logically sequence stages of preparation and repair work using work order to guide activities.</li> </ul>
Problem-solving skills	<ul style="list-style-type: none"> <li>assess condition of saw teeth and complete necessary</li> </ul>

to:	adjustments to set <ul style="list-style-type: none"> <li>recognise faulty equipment and resolve by reporting or rectifying.</li> </ul>
Technology skills to:	<ul style="list-style-type: none"> <li>select and use appropriate repair, maintenance and personal protective equipment for filing and setting saws</li> <li>efficiently and safely file and set saws.</li> </ul>

## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPSAW3210 File and set saws Release 2	FWPSAW3210 File and set saws Release 1	Minor typographical errors corrected.	Equivalent unit

## Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>