



Australian Government

FWPSAW3217 Hard face saw teeth

Release: 2

FWPSAW3217 Hard face saw teeth

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 set the hard face machine and hard face the teeth of band, circular and gang saw blades. Work is completed in a forest products factory setting.

The unit applies to Sawdoctor, Saw Repairer.

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 to hard face saw teeth	<p>1.1 Review work order and where required check with appropriate personnel.</p> <p>1.2 Select appropriate maintenance and personal protective equipment and check for operational effectiveness in line with manufacturer's recommendations.</p>

	1.3 Plan hard facing process in line with work order.
2. Hard face saw teeth	<p>2.1 Follow organisational safety procedures throughout all machining processes.</p> <p>2.2 Select material stock and set up in machine following manufacturer's recommendations.</p> <p>2.3 Make adjustments to machine variables to suit saw and material.</p> <p>2.4 Align individual teeth to machine tip to ensure hard facing is applied to cutting surfaces.</p> <p>2.5 Operate and adjust machine for variables to ensure material cohesion.</p> <p>2.6 Check completed facing against specifications.</p> <p>2.7 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"> identify and adjust machine settings for correct temperature, pressure and weld time.
Oral communication skills to:	<ul style="list-style-type: none"> ask open and closed probe questions and actively listen to clarify contents of work orders.
Reading skills to:	<ul style="list-style-type: none"> interpret documents: <ul style="list-style-type: none"> workplace health and safety procedures work orders manufacturers' instructions and maintenance recommendations.
Writing skills to:	<ul style="list-style-type: none"> complete basic accurate records of processing and equipment faults.
Planning and organising skills to:	<ul style="list-style-type: none"> efficiently and logically sequence stages of preparation and repair work using work order to guide activities.
Problem-solving skills to:	<ul style="list-style-type: none"> recognise faulty equipment and resolve by reporting or rectifying.
Technology skills to:	<ul style="list-style-type: none"> select and use appropriate repair, maintenance and personal protective equipment to hard face saw teeth efficiently and safely hard face saw teeth.

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPSAW3217 Hard face saw teeth Release 2	FWPSAW3217 Hard face saw teeth 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>