



Australian Government

FWPSAW3209 Align sawing production systems

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPISAW3209B Align sawing production systems, 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 align canter rings and chipper heads for wood chipping equipment, which are used for both primary and secondary processing of solid wood products. 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

<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 aligning	1.1 Review work order and where required check with appropriate personnel. 1.2 Select appropriate repair, maintenance and personal protective equipment and check for operational effectiveness in line with manufacturer's recommendations. 1.3 Plan alignment process in line with work order.
2. Conduct shut	2.1 Follow organisational safety procedures throughout all maintenance

down	and repair processes. 2.2 Remove, replace and temporarily store mechanical and safety components to provide access to alignment parts. 2.3 Remove, replace and temporarily locate guides. 2.4 Keep work area clear of dust, off-cuts and debris in line with organisational safety procedures.
3. Align rings and heads	3.1 Access and interpret equipment history records, and manufacturer's recommendations. 3.2 Remove canter rings and chipper heads to be aligned. 3.3 Assess performance of canter rings and chipper heads and re-align, according to manufacturer's instructions. 3.4 Check saw for alignment and free operation. 3.5 Identify routine processing and equipment faults and resolve or report 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:	complete precise calculations to align various parts of sawing systems according to specified settings.
Oral communication skills to:	ask open and close probe questions and actively listen to clarify contents of works orders.
Reading skills to:	- interpret detailed and familiar documents: - workplace health and safety and organisational procedures - work orders - manufacturers' instructions and maintenance recommendations.
Writing skills to:	complete basic accurate records for processing and equipment faults.
Planning and organising skills to:	efficiently and logically sequence the stages of preparation and repair work using work order to guide activities.
Problem-solving skills to:	- assess performance of canter rings and chipper heads and complete necessary re-alignment - recognise faulty equipment and resolve by reporting or rectifying.

Technology skills to:	• select and use appropriate repair, maintenance and personal protective equipment for aligning canter rings and chipper heads • efficiently and safely align canter rings and chipper heads.
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Range of Conditions

Not Applicable

Unit Mapping Information

FPISAW3209B Align sawing production systems

Links

Companion Volume implementation guides are found in VETNet -

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