



Australian Government

FWPSAW3227 Select and saw logs in multi-species operations

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPISAW3227B Select and saw logs in multi-species operations, 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 select and set up the processing of multi-species logs, saw logs into flitches or cants and maintain the production flow, allowing for changes in species. Work is completed in a forest and wood products factory and includes operator maintenance.

The unit applies to Sawmill Worker, Production Worker, 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 sawing and select logs	1.1 Review work order and where required check with appropriate personnel. 1.2 Select appropriate personal protective equipment and check for operational effectiveness. 1.3 Select appropriate logs according to species and size or grade and billet to suit work order.

	1.4 Reject, segregate or dispose of defective logs in line with organisational procedures and environmental protection practices.
2. Break down logs	2.1 Use equipment in line with organisational safety procedures, manufacturer's instructions and environmental protection practices. 2.2 Complete pre start-up checks to ensure operational effectiveness. 2.3 Use dogs to secure and align logs to saw and minimise damage. 2.4 Clear logs of foreign matter and feed into saw at feed rate in line with organisational safety procedures. 2.5 Plan, maintain and adjust sawing sequence to produce required quantity of flitches or cants and maximise feed rate. 2.6 Check and adjust break down process regularly to maintain desired quality and output, allowing for defects and changes in species. 2.7 Direct flitches or cants to designated area in line with work order. 2.8 Identify routine processing problems and resolve or report to appropriate personnel.
3. Complete operator maintenance	3.1 Follow organisational safety procedures to lock out equipment. 3.2 Check saw blades for bluntness or damage. 3.3 Remove and replace saw blades in line with manufacturer's recommendations. 3.4 Dispose of used blades in line with organisational procedures and environmental protection practices. 3.5 Complete basic non-specialist maintenance for equipment. 3.6 Keep machine clear of dust and debris in line with organisational safety procedures. 3.7 Record and report equipment faults and maintenance requirements 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:	• identify quantities of required material within work orders and count number of logs to be sawn • measure log size across multiple species according to work orders • complete routine calculations to determine correct angles for
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	aligning logs to equipment calculate the feed rate to optimise quality and quantity of production output.
Oral communication skills to:	ask questions and actively listen to clarify contents of work orders
Reading skills to:	- interpret: - workplace health and safety and other organisational procedures - work orders - manufacturers' instructions and maintenance recommendations.
Writing skills to:	complete accurate basic records for equipment faults and maintenance requirements.
Planning and organising skills to:	efficiently and logically sequence the stages of preparation and production using work order to guide activities.
Problem-solving skills to:	- identify and dispose of defective logs - identify processing problems and faulty equipment and resolve by reporting or rectifying.
Technology skills to:	- select and use appropriate personal protective equipment for selecting and sawing logs - identify: - species and strength groups of logs - recovery potential of logs - blunt or damaged saw blades - use saws to efficiently and safely saw logs in multi-species operations.

Range of Conditions

Not Applicable

Unit Mapping Information

FPISAW3227B Select and saw logs in multi-species operations

Links

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

