



Australian Government

FWPSAW3256 Select and saw logs in multi-species operations

Release: 1

FWPSAW3256 Select and saw logs in multi-species operations

Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 8.0.

Application

This unit of competency describes the skills and knowledge required to segregate and saw logs into flitches or cants and maintain the production flow, allowing for changes in species. Work includes operator maintenance.

The unit applies to individuals who select and saw logs in multi-species operations in a timber processing facility.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation and standards that apply to the workplace.

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

Pre-requisite Unit

Nil

Unit Sector

Sawmilling and Processing (SAW)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for sawing in multi-species operation	1.1 Determine job requirements from work order or instructions and, where required, seek clarification from appropriate personnel 1.2 Review workplace health and safety and environmental protection practices and/or procedures for work activity, including emergency procedures to be followed in the event of an emergency situation

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Identify and assess hazards and take actions to mitigate risks related to sawing logs 1.4 Select tools and equipment for sorting and sawing operations, and check for serviceability
2. Segregate logs for sawing in multi-species operation	2.1 Select appropriate logs according to species, size, grade and/or other characteristics to suit job requirements 2.2 Reject and direct defective logs for reuse, recycling or disposal according to workplace procedures and environmental protection practices and/or procedures 2.3 Identify sawing sequence and cutting patterns to achieve maximum output of flitches or cants from different species 2.4 Plan flow of logs in and out of the sawing area to maximise production
3. Saw logs in multi-species operation	3.1 Complete pre-start-up equipment checks to ensure operational effectiveness 3.2 Use dogs to secure and align logs to saw and minimise damage 3.3 Clear logs of foreign matter and feed into saw at feed rate according to workplace procedures 3.4 Maximise feed rate and adjust sawing sequence or process regularly to achieve required production output and quality, considering log defects and changes in species 3.5 Direct flitches or cants to designated area according to job requirements 3.6 Identify routine processing problems and resolve or report to appropriate personnel
4. Complete operator maintenance	4.1 Lock out equipment according to workplace procedures 4.2 Check saw blades for bluntness or damage 4.3 Remove and replace saw blades according to manufacturer recommendations 4.4 Dispose of used blades according to workplace environmental protection practices and/or procedures 4.5 Complete basic non-specialist maintenance of equipment 4.6 Keep machine clear of dust and debris according to safety procedures

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	4.7 Record and report equipment faults and maintenance requirements to appropriate personnel

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Writing	Prepare routine written reports using required format, language and structure
Oral communication	Employ active listening and questioning to clarify content of work orders
Numeracy	- 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 aligning logs to equipment - Perform basic calculations to determine feed rate to optimise quality and quantity of production output

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPSAW3256 Select and saw logs in multi-species operations	FWPSAW3250 Select and saw logs in multi-species operations	Revised Application, Elements, Performance Criteria, Foundation Skills, Performance Evidence and Assessment Conditions	Equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>