



Australian Government

FWPSAW3255 Operate conventional log breakdown saw line

Release: 1

FWPSAW3255 Operate conventional log breakdown saw line

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 operate a conventional breakdown saw line to saw logs as part of primary and secondary processing or green mill operations in a sawmill.

The unit applies to individuals who saw logs using conventional log breakdown saw lines in a sawmill or timber processing work environment.

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 primary or secondary log breakdown	1.1 Determine job requirements from work order or instructions and, where required, check with 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 performing log breakdown 1.4 Check production input to ensure that it meets job specifications 1.5 Check that other upstream and downstream processing stages are ready for production 1.6 Select cutting schedule based on incoming production input and job requirements to optimise grade, size and recovery 1.7 Conduct trial runs to check for quality and compliance with cutting schedule requirements 1.8 Identify processing constraints and potential solutions according to workplace procedures
2. Operate primary or secondary log breakdown equipment	2.1 Complete pre-start-up checks according to manufacturer and workplace procedures 2.2 Operate breakdown equipment to comply with selected cutting schedule 2.3 Manage product flow to ensure efficient workflow in sawmill and breakdown operations
3. Monitor performance of breakdown equipment	3.1 Monitor and interpret output data from breakdown equipment control system according to workplace procedures 3.2 Monitor and assess output quality from breakdown equipment, identify equipment faults and other sources of quality variations, and take corrective action or report to appropriate personnel according to workplace procedures 3.3 Complete production, maintenance and quality records according to workplace procedures
4. Implement routine maintenance procedures for breakdown equipment	4.1 Carry out preventative maintenance and cleaning for breakdown equipment according to workplace procedures 4.2 Coordinate saw changes with other staff, and make adjustments to breakdown equipment according to workplace procedures

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 on routine matters related to output quality and equipment history records
Numeracy	- Count number of logs to be sawn - 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
FWPSAW3255 Operate conventional log breakdown saw line	FWPSAW3230 Perform primary log breakdown	Redesigned unit that includes content from FWPSAW3230 Perform primary log breakdown, FWPSAW3231 Perform secondary log breakdown and FWPSAW3241 Set up and operate production saws used in sawmill operations	Not equivalent
FWPSAW3255 Operate conventional log breakdown saw line	FWPSAW3231 Perform secondary log breakdown	Redesigned unit that includes content from FWPSAW3230 Perform primary log breakdown, FWPSAW3231 Perform secondary log breakdown and FWPSAW3241 Set up and operate production saws used in sawmill operations	Not equivalent
FWPSAW3255 Operate conventional log breakdown saw	FWPSAW3241 Set up and operate production saws used	Redesigned unit that includes content from FWPSAW3230 Perform	Not equivalent

line	in sawmill operations	primary log breakdown, FWPSAW3231 Perform secondary log breakdown and FWPSAW3241 Set up and operate production saws used in sawmill operations	
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Links

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