



Australian Government

FWPSAW3254 Control and monitor automated green mill saw line

Release: 1

FWPSAW3254 Control and monitor automated green mill 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 control and monitor a fully automated saw line from control room to cut logs into green sawn timber.

The unit applies to individuals who operate automated green mill 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 to control and monitor green mill automated saw line	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 procedures for work activity

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 saw line operations 1.4 Confirm emergency procedures and actions to be taken in the event of an emergency situation
2. Configure green mill automated saw line optimising program	2.1 Set optimising program to job specifications 2.2 Conduct trial runs to check system operation, accuracy and quality of finished work 2.3 Complete final adjustments to optimising program
3. Control and monitor green mill automated saw line	3.1 Start up and log onto control and data acquisition system to operate saw line 3.2 Feed logs into saw line 3.3 Monitor sawing operation through control and data acquisition system and make system adjustments to meet production output, product quality and maximum recovery 3.4 Identify and correct minor deviations to normal operating parameters of saw line 3.5 Report non-routine processing and equipment problems to relevant personnel
4. Maintain process control and data acquisition system for green mill automated saw line	4.1 Conduct routine planned inspections of control and data acquisition system according to manufacturer requirements 4.2 Report faults and maintenance requirements to relevant 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

Skill	Description
Oral communication	Employ active listening and questioning on routine matters related to output quality and equipment history records
Numeracy	- Perform precise mathematical calculations to determine correct alignment of key parts of sawing system according to specified settings - Use basic mathematical symbols and conventions in completing workplace reports related to alignment activities

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPSAW3254 Control and monitor automated green mill saw line	FWPSAW3249 Saw logs using CNC optimising systems	New unit title Revised Application, Elements and Performance Criteria Revised Foundation Skills Updated Performance Evidence, Knowledge Evidence and Assessment Conditions	Not equivalent

Links

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