FWPSAW2207 Round softwood logs

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Modification History

Release	Comment
1	Replaces equivalent unit FPISAW2207B Round softwood logs, 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 shape debarked logs into round poles to a set diameter for further down-stream processing. Work is completed in a forest products factory and includes assessing logs for diameter, species, faults and moisture content.

The unit applies to Sawmill Worker, Production Worker, Treatment Plant Worker.

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

Elements describe the essential outcomes.	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.
1. Prepare for rounding	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 Assess logs to be rounded for diameter, species, faults and moisture content. 1.4 Plan rounding process in line with work order.

2. Round 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 Calibrate scanner in line with manufacturer's instructions.
	2.4 Feed material into machine at feed rate in line with organisational procedures.
	2.5 Maintain rounding process and adjust to maximise feed rate.
	2.6 Check rounding process and conveyors regularly, adjusting to maintain desired quality and output.
	2.7 Reject and dispose of sub-standard logs in line with environmental protection practices.
	2.8 Direct rounded logs to designated area in line with work order.
	2.9 Identify routine processing faults and resolve or report to appropriate personnel.
3. Complete operator maintenance	3.1 Follow organisational safety procedures to lock out equipment.
	3.2 Check cutters for bluntness or damage.
	3.3 Remove and replace cutters in line with manufacturer's recommendations.
	3.4 Dispose of used cutters in line with 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.
4. Complete handover	4.1 Complete and print production and quality records.
	4.2 Create back-up files in line with organisational procedures.
	4.3 Brief and hand over documentation to changeover operator.

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 rounded

	• complete routine calculations to measure log diameters and calibrate scanner for sizing • calculate the feed rate to optimise quality and quantity of production output.
Oral communication skills to:	• ask open and closed probe 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 production outcomes, 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 sub-standard logs • identify processing problems and faulty equipment and resolve by reporting or rectifying.
Teamwork skills to:	• complete a handover to incoming operators and share relevant information.
Technology skills to:	• select and use appropriate personal protective equipment for rounding logs • use a rounding plant to efficiently and safely round logs • operate the computerised controls and complete back-up files • accurately identify and replace blunt or damaged cutters.

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Range of Conditions

Not Applicable

Unit Mapping Information

FPISAW2207B Round softwood logs

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509f f8d3d47