



Australian Government

FWPSAW3229 Operate a portable sawmill

Release: 1

FWPSAW3229 Operate a portable sawmill

Modification History

| Release | Comment |
|---------|--|
| 1 | Replaces equivalent unit FPISAW3229B Operate a portable sawmill, 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 produce sawn green boards using a portable sawmill in line with site requirements and to meet customer specifications. The work is performed in a forest setting

The unit applies to Sawyer, Machine Operator.

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 | 1.1 Review work order and confirm work requirements. 1.2 Select type and quantity of logs to be sawn 1.3 Select suitable equipment for the sawing process, check operational effectiveness and review manufacturer's instructions for use 1.4 Plan sawing process to optimise volume and quality of recovery. |
| 2. Break down logs | 2.1 Check site for hazards and conduct pre start-up check. |

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| | <p>2.2 Use cant hooks, winches or log rollers to position logs to be sawn, and stabilise with chock logs or pre-notched runners.</p> <p>2.3 Review sawn board dimensions from customer orders or work order.</p> <p>2.4 Identify log characteristics and estimate number of boards and sequence of cuts from an individual log.</p> <p>2.5 Adjust saw, carriage and mill to suit dimensions of boards to be cut.</p> <p>2.6 Operate saw ensuring that sawn edges are controlled.</p> <p>2.7 Remove logs with defects, reject boards and off-cuts to waste or sawn recovery.</p> <p>2.8 Record and report process and equipment faults.</p> |
| 3. Conduct operator maintenance | <p>3.1 Follow equipment lock-out and site procedures when equipment is faulty.</p> <p>3.2 Check saw and saw blades for bluntness or damage and repair or replace following manufacturer's instructions.</p> <p>3.3 Clear area of dust and debris.</p> |

Foundation Skills

This section describes those core and employment skills that are essential to performance and are not explicit in the performance criteria.

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|------------------------------------|---|
| Numeracy skills to: | <ul style="list-style-type: none"> calculate dimensions, and to estimate, measure and calculate numbers of logs and boards required. |
| Reading skills to: | <ul style="list-style-type: none"> read manufacturer's instructions and work orders. |
| Writing skills to: | <ul style="list-style-type: none"> record information. |
| Planning and organising skills to: | <ul style="list-style-type: none"> sequence work activity. |

Range of Conditions

Not Applicable

Unit Mapping Information

FPISAW3229B Operate a portable sawmill

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>