



Australian Government

Assessment Requirements for FWPSAW3241 Set up and operate production saws used in sawmill operations

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 5.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that, on at least one occasion, the individual has:

- set up, aligned, and maintained one or more of the following types of sawing machines according to a specific work order:
 - circular saw
 - band saw.
- In doing the above job, the individual has:
 - followed work order and relevant workplace health and safety and environmental protection procedures
 - identified, assessed and taken actions to mitigate risks and hazards associated with working with sawing machines
 - used personal protective equipment (PPE), lock-out procedures and safe manual handling techniques throughout the work
 - performed routine maintenance of sawing machine
 - recorded production outcomes and equipment faults or malfunctions and took corrective actions according to workplace procedures.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- types, characteristics, uses and limitations of the following sawing machines used in sawmill operations:
 - circular saw
 - band saw
- sawing processes and techniques
- characteristics of materials and uses of products produced

- methods for:
 - setting up sawing machines
 - aligning sawing machines
 - maintaining sawing machines
 - operating sawing machines
- conditions related to saw blades and accuracy of cuts that indicate that sawing machine is out of alignment
- identification of alignment factors that will impact on the performance of the machine centre
- procedures for reporting machinery faults and material defects
- types of risk and hazards and mitigation measures associated with the work task
- legal, ethical and work health and safety requirements specific to the work task
- awareness of environmental sustainability issues as they relate to the work task.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a forest product factory setting or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - sawing machines used in sawmilling operations, including circular saws and band saws
 - tools, equipment and testing devices used in setting up, aligning, operating and maintaining sawing machines
 - PPE for setting up and operating sawing machines in sawmill operations
- specifications:
 - template documents for recording production outcomes
 - manufacturer instructions for setting up, aligning, operating and maintaining sawing machines
 - work order with specific instructions for setting up, aligning, operating and maintaining sawing machines
 - workplace procedures for setting up, aligning, operating and maintaining sawing machines.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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