



Australian Government

Assessment Requirements for FWPCOT2245 Operate and maintain a table saw

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:

- operated a table saw to re-saw timber
- in doing the above job, the individual has:
 - followed work order and relevant workplace health and safety and environmental protection procedures
 - assessed sawing conditions to determine optimal feed rate and finish
 - adjusted sawing feed rate to achieve finished dimensions according to work order
 - evaluated finish and made adjustments to the sawing process to maximise product quality
 - measured cross-section dimensions of sawn timber against standard sizes and tolerances, and adjusted sawing process
 - completed basic non-specialist maintenance tasks
 - completed production and quality records for the job.

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:

- range of industry standard lengths for sawn timber, cross-sections and tolerances and applicable terminology
- typical cutting patterns
- types, purpose, features, operation and basic non-specialist repair and maintenance of table saws
- methods for assessing saw blade condition
- problems that may occur during sawing operations, including:
 - equipment faults and malfunctions

- quality of product and machine settings
- transfer and flow of material
- routine sawing problems
- feed rate and product finish
- infeed and outfeed systems
- damage to sawn board
- damage to saw blade
- timber positioning
- types of risk and hazards and mitigation measures associated with operating and maintaining table saws
- workplace procedures specific to operating and maintaining table saws:
 - workplace health and safety, with particular emphasis on equipment lock-out, the use of personal protective equipment and safe manual handling techniques
 - use and maintenance of equipment
 - communication reporting lines
- recording and reporting of production outcomes and equipment faults
- environmental protection practices for forest products factory settings:
 - cleaning plant, tools and equipment
 - disposing of, recycling and reusing timber.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a timber processing or manufacturing facility or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - table saw
 - tools and equipment for operator maintenance of saws
 - consumable components
 - PPE suitable for operating and maintaining a table saw
 - a diverse, comprehensive and commercial product range of timber
- specifications:
 - template documents for recording production outcomes and equipment faults
 - manufacturer instructions for use, repair and maintenance of table saw
 - work order with specific details of material to be re-sawn and production timeline
 - workplace procedures for operating and maintaining table saws.

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>