



Australian Government

Assessment Requirements for FWPCOT2244 Operate and maintain a thicknesser

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, adjusted and operated a thicknesser to dress timber according to required dimensions, cutting sequence, feed rates and finish
- in doing the above job, the individual has:
 - reviewed work order to determine job requirements
 - followed work order and relevant workplace health and safety and environmental protection procedures
 - selected equipment and materials according to job requirements
 - planned the sequence of machine operations
 - identified and disposed of defective timber before processing
 - complied with workplace health and safety procedures relevant to dressing timber
 - assessed dressing conditions
 - adjusted conditions to optimise feed rate and maintain finished dimensions
 - completed basic routine equipment maintenance
 - completed production and maintenance reports.

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:

- typical timber defects and potential impact on the quality of dressed timber product:
 - warp
 - wane
 - cupping
 - shakes

- insect defects
- knots
- resin pockets
- typical dressing problems triggering adjustment of process to ensure product quality:
 - blunt or damaged cutters
 - burn marks
 - extra cuts
 - excessive cutter marks
 - dimensional errors
- industry standards and terminology for timber profiles, lengths, cross-sections and tolerances
- types, purpose, features, operational procedures, components and basic maintenance requirements of thicknessers
- problems that can occur when dressing timber:
 - equipment faults and malfunctions
 - quality of product and machine settings
 - efficient rejection of defective timber before dressing
 - transfer and flow of material
 - dressing problems
 - feed rate
 - product finish
- methods for assessing cutters condition
- types of risk and hazards and mitigation measures associated with dressing timber
- workplace procedures specific to dressing timber:
 - workplace health and safety requirements, with particular emphasis on equipment lock-out, use of personal protective equipment (PPE) and safe manual handling
 - selection, use and maintenance of equipment
 - communication reporting lines
 - recording and reporting production outcomes and equipment faults
- environmental protection practices for timber processing or manufacturing facilities:
 - reducing water and energy use
 - 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 reflects workplace conditions
- resources, equipment and materials:

- thicknesser
- maintenance tools and equipment
- consumable components of thicknesser
- PPE suitable for dressing timber
- a diverse, comprehensive and commercial range of timber
- specifications:
 - template documents for recording production outcomes and equipment faults
 - manufacturer specifications and instructions for thicknesser
 - work order detailing material to be dressed, special client requirements and production timelines
 - written workplace procedures for operating and maintaining thicknesser.

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>