



Australian Government

Assessment Requirements for FWPCOT3266 Dress timber using multi-headed machines

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 4.0.

Performance Evidence

An individual demonstrating competency in this unit must satisfy all of the elements and performance criteria of this unit. There must be evidence that, on at least one occasion, the individual has:

- followed workplace health and safety requirements and environmental protection procedures for dressing timber using multi-headed machines
- produced dressed timber of one or more of the following types using multi-headed machines according to an individual work order prescribing different dimensions, tolerances and quantity of timber:
 - softwood
 - hardwood
 - treated
 - untreated
- conducted operator maintenance on the multi-headed machine.

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:

- health and safety hazards or risks related to operating multi-headed machines for dressing timber, identified through risk assessments, manufacturer technical information, regulations and industry health and safety guides
- workplace procedures specific to dressing timber using multi-headed machines:
 - health and safety, with particular emphasis on equipment lockout and the use of personal protective equipment (PPE)
 - use of timber dressing equipment
 - communication reporting lines
 - recording and reporting production outcomes, equipment faults and maintenance requirements

- environmental protection practices for timber processing facility settings:
 - reducing water and energy use
 - cleaning plant, tools and equipment
 - disposing of, recycling and reusing timber and other waste
- typical timber defects and how these affect the ability to produce a quality finished product:
 - warp
 - wane
 - cupping
 - shakes
 - insect defects
 - knots
 - resin pockets
- typical dressing problems triggering adjustment of the process to ensure product quality:
 - blunt or damaged cutters
 - burn marks
 - extra cuts
 - excessive cutter marks
 - dimensional errors
- industry standard profiles, lengths, cross-sections and tolerances and applicable terminology
- cutting patterns used on timber to achieve maximum volume recovery
- feed rates and how they affect production output and finished quality of timber
- purpose, features and operation of multi-headed machines for dressing timber:
 - single or multi-headed machines
 - machines cutting on one side of timber only
 - machines cutting two or more sides of timber simultaneously
 - machines incorporating grooving or splitting saws
- methods for assessing cutter condition.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - multi-headed machine for dressing timber
 - maintenance tools and equipment for replacing cutters
 - consumable cutters
 - PPE suitable for dressing timber using multi-headed machines

- timber suitable for dressing operations
- specifications:
 - manufacturer instructions for use and maintenance of equipment
 - work order with specific instructions for dressing timber using multi-headed machines
 - template documents for recording production outcomes, equipment faults and maintenance requirements
 - workplace procedures for dressing timber using multi-headed machines, including health and safety and emergency procedures and environmental protection procedures.

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