



Australian Government

Assessment Requirements for FWPSAW3253 Re-saw green timber

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 8.0.

Performance Evidence

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

There must be evidence that the individual has re-sawn, according to an individual work order, one type of green hardwood, softwood, native or imported species timber product selected from:

- flitches
- cants
- rough sawn timber.

In performing this task, the individual has:

- used one of the following items of equipment:
 - power operated, automatic feed controlled ripping saws
 - saws with adjustable cant (sloping table)
 - saws with one blade
 - rip saws
 - table saws
 - bench saws.
- followed workplace procedures for cutting operation
- selected, fitted and used personal protective equipment (PPE)
- cut products to length or dimensions according to prescribed workplace tolerance
- stacked finished product in designated storage location according to common size, length and width
- completed operator maintenance on the saw used.

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 the impact on production of quality sawn timber product, including:
 - warp
 - wane
 - cupping
 - shakes
 - insect defects
 - knots
 - resin pockets
- typical workflow processes for re-sawing green timber
- typical flow of green sawn timber supply into the sawing area
- range of cutting patterns used on green sawn timber to maximise the amount of product and usability
- range of industry standard lengths, cross-sections and tolerances, and applicable terminology for green timber product
- range of feed rates and impact on production output and finished quality of green timber product
- storage layout and categories for stacking finished green timber product
- purpose, features and operation of measuring equipment used in re-sawing green timber
- purpose, features and operation of saws used in workplace for re-sawing green timber
- purpose, features and operation of maintenance tools and equipment for saws
- methods for assessing saw blade condition
- workplace environmental protection requirements and practices for sawing operations, including:
 - cleaning plant, tools and equipment
 - criteria and processes for disposing of, recycling and reusing timber
 - minimising waste material and maximising energy efficiency
- processes for implementing routine operator maintenance activities associated with sawing operations
- workplace procedures specific to re-sawing green timber, including:
 - health and safety, with particular emphasis on equipment lock-out, use of PPE and manual handling
 - communication reporting lines
 - recording and reporting production output, processing problems and equipment faults.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a timber processing plant, a timber product manufacturing plant or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - measuring equipment
 - saw to re-saw green timber
 - maintenance tools and equipment for saws
 - manual handling equipment
 - consumable saw blades
 - PPE suitable for re-sawing green timber
 - a commercial range of green timber for re-sawing
- specifications:
 - work order with specific instructions for re-sawing green timber
 - template documents for recording equipment faults and maintenance requirements
 - workplace health and safety and environmental protection policies and/or procedures applicable to re-sawing green timber
 - workplace procedures for re-sawing green timber.

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>