



Australian Government

Assessment Requirements for FWPSAW2213 De-stack timber drying racks

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 de-stacked timber drying racks and maintained the supply of timber boards for dressing process for one production period according to workplace operating procedures.

In performing this task, the individual has:

- followed workplace health and safety and environmental protection practices and/or procedures
- completed pre-operational check and operated equipment involved in de-stacking timber drying racks
- measured moisture content and visually assessed quality of timber boards
- separated timber boards from the rack bearers and spacing sticks
- maintained the required supply of de-stacked timber for dressing process.

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:

- purpose, features and operation of equipment used for drying timber
- types and components of timber drying racks, including:
 - air seasoning or kiln seasoning racks
 - timber, steel or mobile racks with bearers and spacing sticks
- mechanical timber board separation machine and conveyor system
- methods used to measure moisture content of timber
- techniques for de-stacking timber drying racks
- markings used on timber boards to identify grade
- workflow processes used to de-stack timber drying racks
- flow of timber board supply in and out of de-stacking area

- timber storage systems and labelling
- characteristics used to visually assess timber boards, including:
 - type
 - finish quality
 - timber defects
 - length
 - width
 - thickness
- typical timber defects and how they affect ability to produce a quality finished product, including:
 - incorrect moisture content
 - warp
 - wane
 - cupping
 - shakes
 - insect defects
 - knots
 - resin pockets
- range of industry standard lengths, cross-sections, appearance grades and applicable terminology
- workplace procedures specific to de-stacking timber drying racks, including:
 - health and safety, with particular emphasis on use of personal protective and other equipment
 - communication reporting lines
 - recording and reporting processing and equipment faults
- workplace environmental protection requirements and practices for timber processing operations, including:
 - cleaning of plant, tools and equipment
 - reducing water and energy use
 - disposing of, recycling and reusing timber
 - disposal of waste material.

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:

- timber drying racks to de-stack
- mechanical board separation machine with conveyor system
- moisture probes
- personal protective equipment suitable for de-stacking seasoning racks
- specifications:
 - workplace procedures for de-stacking seasoning racks
 - workplace health and safety and environmental protection policies and/or procedures applicable to de-stacking seasoning racks.

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>