



Australian Government

Assessment Requirements for FWPSAW3202 Produce sawn green boards

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPISAW3202B Produce sawn green boards, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format. Assessment requirements now specify the performance and knowledge evidence, as well as assessment conditions for this unit of competency. These sections simplify and replace components used in the previous unit format, including Required Skills and Knowledge, Evidence Guide and Range Statement

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. If a specific volume or frequency is not stated below, then evidence must be provided that the following requirements have been performed on at least one occasion:

- produce sawn green boards for one or more of these types of timber in line with an individual work order prescribing different lengths and tolerances and number of boards for each job:
 - hardwood
 - softwood
 - native timber species
 - imported timber species
- using one or more of the following saw types:
 - power operated, automatic feed controlled ripping saws
 - saws with adjustable cant (sloping table)
 - saws with one blade
 - rip saws
 - table saws
 - bench saws
- for each of the above jobs, stack batches of cut material in storage location according to common size, length width and cant
- complete these types of basic non-specialist maintenance:
 - cleaning the machine of wood chips and sawdust
 - replacing blunt saw blades

- inspecting machine parts for wear or damage, including guards
- greasing and lubricating moving parts
- checking the operation of emergency stop buttons and lock out systems.
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Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- typical timber defects and how they affect ability to produce quality sawn boards:
 - warp
 - wane
 - cupping
 - shakes
 - insect defects
 - knots
 - resin pockets
- typical work flow processes for sawing green boards
- typical flow of flitch and cant supply into the sawing area
- range of cutting patterns used on green flitches and cants to achieve maximum output of green boards
- range of industry standard lengths, cross sections and tolerances and applicable terminology
- range of feed rates and how they affect production output and finished quality of green boards
- storage layout and categories for stacking finished materials
- purpose, features and operation of equipment used to produce sawn green boards:
 - measuring equipment
 - saws:
 - power operated, automatic feed controlled ripping saws
 - saws with adjustable cant (sloping table)
 - saws with one blade
 - rip saws
 - table saws
 - bench saws
 - maintenance tools and equipment for saws
- methods for assessing saw blade condition
- environmental protection practices for forest products factory settings:
 - cleaning plant, tools and equipment
 - disposing of, recycling and reusing timber
- organisational procedures specific to producing sawn green boards:

- workplace health and safety with particular emphasis on equipment lock out and use of personal protective equipment
- communication reporting lines
- recording and reporting processing problems and equipment faults.
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Assessment Conditions

The following resources must be made available:

- tools and equipment used to produce sawn green boards:
 - measuring equipment
 - one or more saws, which must be one or more of the following:
 - power operated, automatic feed controlled ripping saws
 - saws with adjustable cant (sloping table)
 - saws with one blade
 - rip saws
 - table saws
 - bench saws
- maintenance tools and equipment for saws
- consumable saw blades
- personal protective equipment suitable for producing sawn green boards
- a diverse, comprehensive and commercial range of green flitches and cants
- manufacturers':
 - instructions for equipment use
 - recommendations for repairing and maintaining equipment
- work order with specific instructions for cutting green timber boards
- template documents for recording equipment faults and maintenance requirements
- relevant personnel for the purposes of communicating information
- organisational procedures for producing sawn green boards.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.

Links

Companion Volume implementation guides are found in VETNet -

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