



Australian Government

Assessment Requirements for FWPSAW3206 Dry softwood

Release: 1

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Modification History

Release	Comment
1	<p>Replaces equivalent unit FPISAW3206B Dry softwood, 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.</p> <p>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</p>

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:

- operate a kiln to dry one or more different types of softwood as listed below in line with an individual work order for each job:
 - imported timber species
 - dressed timber
 - in-the-rough timber
 - preservative treated timber.
- visually assess racks and make necessary adjustments for:
 - stability
 - spacing of strips
 - support to minimise warping.

Knowledge Evidence

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

- environmental protection practices for forest products factory settings:
 - reducing water and energy use
 - disposing of, recycling and reusing timber
- purpose of kiln drying softwood and meaning of equilibrium moisture content (EMC)
- characteristics of softwood and effects of the drying process

- issues considered when visually assessing racks to ensure consistent drying requirements for timber:
 - stability
 - spacing of strips
 - support to minimise warping
- methods used to measure moisture content of timber before and after drying process
- typical work flow processes used to dry timber using kilns
- typical flow of timber board supply in and out of the drying area
- purpose, features and operation of equipment used for drying softwood:
 - different types of drying kilns:
 - conventional
 - high temperature
 - very high temperature
 - extremely high temperature
 - vaccum dryer
 - different types of lifting equipment:
 - fork lifts
 - slings
 - trolley jacks
 - gantry cranes
 - loaders
 - baffles and blankets
 - moisture probes
- organisational procedures specific to drying softwood:
 - workplace health and safety with particular emphasis use of personal protective and other equipment
 - kiln operation
 - communication reporting lines
 - recording and reporting processing and equipment faults.

Assessment Conditions

The following resources must be made available:

- one or more of the following types of drying kiln:
 - conventional
 - high temperature
 - very high temperature
 - extremely high temperature
 - vacuum dryer
- heat source which must be either steam, hot oil or gas

- one or more of the following types of lifting equipment:
 - fork lifts
 - slings
 - trolley jacks
 - gantry cranes
 - loaders
- baffles and blankets
- moisture probes
- a diverse, comprehensive and commercial product range of softwood timber
- personal protective equipment suitable for kiln operation
- manufacturers' instructions and recommendations for use of equipment
- work order with specific instructions for the types and quantity of timber to be dried
- template documents for recording processing and equipment faults
- organisational procedures for drying softwood.

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.
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Links

Companion Volume implementation guides are found in VETNet -

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