



Australian Government

FWPSAW4203 Coordinate timber drying operations

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPISAW4203B Coordinate timber drying operations, 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.

Application

This unit of competency describes the outcomes required to plan and coordinate timber drying procedures. It includes managing the kiln and the schedules for drying timber.

The unit applies to operators who dry timber in a forest and wood products factory setting.

No licensing, legislative, regulatory, or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Sawmilling and Processing

Timber Manufactured Products

Elements and Performance Criteria

<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.</i>
1. Plan drying procedures	1.1 Assess, measure and record moisture content and variations in timber. 1.2 Plan process cycles and develop timber drying schedule. 1.3 Review organisational policies and procedures for drying procedures and kiln management.

2. Control drying operations	2.1 Implement standard operating procedures for the kiln. 2.2 Oversee loading of timber according to quantities scheduled for drying. 2.3 Check and analyse process trends. 2.4 Implement modifications for optimum performance in the drying process. 2.5 Check and control seasoning chambers throughout the drying process. 2.6 Oversee transfer and storage of dried timber.
3. Complete documentation	3.1 Complete operating logs and seasoning records. 3.2 Identify areas for improvement. 3.3 Record and report major problems and equipment faults.

Foundation Skills

This section describes those core and employment skills that are essential to performance and are not explicit in the performance criteria.

Numeracy skills to:	- manage temperatures and drying times. - coordinate the quantity of timber.
Writing skills to:	complete records and reports.
Planning and organising skills to:	plan and organise production schedules.

Range of Conditions

Not Applicable

Unit Mapping Information

FPISAW4203B Coordinate timber drying operations

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for FWPSAW4203 Coordinate timber drying operations

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1	Replaces equivalent unit FPISAW4203B Coordinate timber drying operations, 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:

- assess, schedule and coordinate drying procedures for the enterprise
- monitor drying operations and output, and make necessary modifications
- coordinate timber drying operations for efficiency and safety
- resolve problems so that production schedules are met
- coordinate personnel to follow schedules for timber drying operations throughout all stages of the process.

Knowledge Evidence

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

- kilns and their features which must include:
 - low temperature kilns
 - conventional
 - high temperature kilns and vacuum dryers
- timber characteristics, timber moisture content and how to avoid cracking and deforming of timber in the drying process
- charge sheets
- the safe disposal of waste material
- organisational and site policies and procedures for timber drying operations
- mechanisms to ensure the efficient and effective use of energy

- timber drying operation procedures
- process cycles and modifications
- Procedures for recording and reporting workplace information.

Assessment Conditions

The following resources must be made available:

- kiln or vacuum dryer
- timber for drying
- relevant personnel for the purposes of communicating information
- documents, spreadsheets and commonly used proforma documents
- personal protective equipment required for co-ordinating timber drying operations.

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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