



Australian Government

FWPSAW4208 Plan for and coordinate timber kiln drying operations

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.

Application

This unit of competency describes the skills and knowledge required to plan, coordinate and evaluate timber kiln drying operations.

The unit applies to individuals who plan and coordinate timber drying operations in a wood products work environment.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation and standards that apply to the workplace.

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

Pre-requisite Unit

Nil

Unit Sector

Sawmilling and Processing (SAW)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan for implementing timber kiln drying operations	1.1 Confirm type of kiln, kiln controls and workplace drying and kiln management procedures 1.2 Review drying and production schedule and confirm production targets, specifications and performance indicators

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	<p>1.3 Confirm workplace health and safety, quality and environmental protection practices and/or procedures for work task</p> <p>1.4 Confirm legislation, standards and codes of practice relevant to timber drying operations</p> <p>1.5 Identify hazards and associated risks, and implement corrective actions according to workplace procedures</p> <p>1.6 Inspect raw materials, identify possible production and quality implications and communicate variations to production methods to team members</p> <p>1.7 Assess pre-drying suitability of product, and remove non-conforming product according to workplace procedures</p> <p>1.8 Communicate drying and production schedule, production targets, specifications and performance indicators to team members</p> <p>1.9 Maintain communication with team members to ensure production schedule and workplace health and safety, environmental protection and quality requirements are met</p> <p>1.10 Plan process cycles and develop timber drying schedule</p>
2. Coordinate timber kiln drying operations	<p>2.1 Confirm capability, capacity and components of timber drying kiln and implement standard operating procedures for kiln</p> <p>2.2 Assist team members to identify faults and rectify or report production problems</p> <p>2.3 Oversee loading of timber according to quantities scheduled for drying and workplace procedures</p> <p>2.4 Check and analyse process trends</p> <p>2.5 Monitor performance of operational personnel according to workplace procedures</p> <p>2.6 Implement modifications for optimum performance in drying process</p> <p>2.7 Check and control seasoning chambers throughout drying process</p> <p>2.8 Assess and confirm timber drying performance, and identify complying product according to workplace procedures</p> <p>2.9 Oversee transfer and storage of dried timber</p> <p>2.10 Respond to breakdowns, disruptions and unplanned events according to workplace procedures</p> <p>2.11 Complete operating logs and seasoning records</p>

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	2.12 Investigate, record and report production problems and equipment faults
3. Oversee maintenance and inventory management requirements	3.1 Monitor implementation of routine and preventative maintenance and cleaning requirements 3.2 Maintain product and material inventory levels to meet production and contingency requirements
4. Evaluate timber kiln drying operations	4.1 Analyse data and observations on drying operations, faults, workplace health and safety incidents and output to identify opportunities for process improvement 4.2 Report on production, safety, environment and quality metrics to appropriate personnel according to workplace procedures 4.3 Seek comments and feedback from team members to identify opportunities for process improvement 4.4 Analyse feasibility of potential process improvements 4.5 Document process improvements and communicate to appropriate personnel according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	<ul style="list-style-type: none"> Interpret technical documents and workplace policies and procedures relevant to timber drying operations
Writing	<ul style="list-style-type: none"> Complete workplace documents on routine and non-routine matters for a variety of audiences related to timber drying operations
Oral communication	<ul style="list-style-type: none"> Use appropriate vocabulary to communicate on technical and work

Skill	Description
	team performance matters related to timber drying operations
Numeracy	<ul style="list-style-type: none"> Perform routine calculations related to quantity, temperature and drying times

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPSAW4208 Plan for and coordinate timber kiln drying operations	FWPSAW4203 Coordinate timber drying operations	<p>Revised unit title</p> <p>Minor revisions to Application</p> <p>Updated Elements, Performance Criteria, Foundation Skills, Performance Evidence, Knowledge Evidence and Assessment Conditions</p>	Not equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>