



Australian Government

FWPWPP3212 Dry material

Release: 2

FWPWPP3212 Dry material

Modification History

Release	Comments
Release 2	This version released with FWP Forest and Wood Products Training Package Version 4.0.
Release 1	This version released with FWP Forest and Wood Products Training Package Version 2.0.

Application

This unit of competency describes the outcomes required to dry materials in a continuous operating single or multi pass dryer or flash dryer using either steam, heated air or gas.

The unit applies to production operators and technicians who dry material in a forest and wood products factory setting and includes operator maintenance.

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

Pre-requisite Unit

Nil

Unit Sector

Wood Panel Products

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. Prepare for drying	1.1 Review work order and where required check with appropriate personnel. 1.2 Identify and obtain type and quantity of material for drying process. 1.3 Select appropriate personal protective equipment and check for operational effectiveness.

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.4 Plan drying process in line with work order.
2. Set up and operate equipment for drying material	<p>2.1 Use equipment in line with organisational safety procedures, manufacturer's instructions and environmental protection practices.</p> <p>2.2 Complete pre start-up equipment checks to ensure operational effectiveness, light furnace and monitor continually.</p> <p>2.3 Follow emergency shutdown procedures in response to fire.</p> <p>2.4 Set drying temperature, humidity and feed rate for optimal product recovery.</p> <p>2.5 Position material and feed at rate appropriate to machine speed, capacity, treatment being dried, thickness and condition.</p> <p>2.6 Assess material visually and measure moisture levels, ensuring outcomes in line with work order.</p> <p>2.7 Coordinate out-feed to ensure efficient recovery of dried material.</p> <p>2.8 Record and report on drying process to appropriate personnel.</p>
3. Redistribute material	<p>3.1 Regrade material in line with industry standards.</p> <p>3.2 Direct material to storage or processing operations in line with organisational procedures.</p> <p>3.3 Reject and dispose of defective material in line with environmental protection practices.</p> <p>3.4 Clean work area in line with organisational safety procedures.</p>
4. Complete operator maintenance	<p>4.1 Follow organisational safety procedures to lock out equipment.</p> <p>4.2 Check drying mechanisms for effective condition.</p> <p>4.3 Check, and maintain oil levels, air filters, conveyors and chains in line with manufacturer's recommendations.</p> <p>4.4 Keep machine clear of dust and debris in line with organisational safety procedures.</p> <p>4.5 Record and report equipment faults and maintenance requirements to appropriate personnel.</p>

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
Numeracy skills to:	<ul style="list-style-type: none"> Identify quantities of required material within work orders and count amounts Read basic dryer temperature settings; set and adjust levels according to drying requirements Calculate the feed rate to optimise quality and quantity of production output Complete routine measurements of material moisture levels.
Oral communication skills to:	<ul style="list-style-type: none"> Ask questions and actively listen to clarify contents of work orders.
Reading skills to:	<ul style="list-style-type: none"> Interpret: <ul style="list-style-type: none"> Workplace health and safety and other organisational procedures Work orders Manufacturers' instructions and maintenance recommendations.
Writing skills to:	<ul style="list-style-type: none"> Complete accurate basic records of process outcomes, equipment faults and maintenance requirements.
Planning and organising skills to:	<ul style="list-style-type: none"> Efficiently and logically sequence the stages of drying activities using work order to guide activities.
Problem-solving skills to:	<ul style="list-style-type: none"> Identify and dispose of defective materials Identify situations requiring emergency shutdown and respond immediately Recognise faulty equipment and resolve by reporting or rectifying.
Technology skills to:	<ul style="list-style-type: none"> Select and use appropriate personal protective equipment for dryer Operation and maintenance tasks Safely and efficiently operate single or multi pass dryer or flash dryer.

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status

FWPWPP3212 Dry material Release 2	FWPWPP3212 Dry material Release 1	Rectified error in Assessment Conditions	Equivalent
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Links

Companion Volumes, including Implementation Guides, are available at VETNet: -

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