



Australian Government

FWPWPP3228 Dry Wood Flakes

Release: 1

FWPWPP3228 Dry Wood Flakes

Modification History

Release	Comment
1	Replaces superseded equivalent FPIWPP3228B Dry wood flakes, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2.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 dry wood flakes for downstream use in board production and to operate dryers and other ancillary equipment.

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

Licensing, legislative, regulatory, or certification requirements apply to this unit in some states and territories at the time of publication, and may differ according to jurisdiction.

Pre-requisite Unit

Nil

Unit Sector

Wood Panel Products.

Elements and Performance Criteria

Elements describe the essential outcomes.	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.
1. Prepare to dry wood flakes.	<p>1.1 Review work order and check with appropriate personnel.</p> <p>1.2 Identify hazards and control risk in the work environment.</p> <p>1.3 Acquire type and quantity of flakes to be dried from production process, and assess.</p> <p>1.4 Select equipment appropriate to work requirements and conduct pre-start checks in line with manufacturer's recommendations and site procedures.</p>

	<p>1.5 Plan drying process in line with site procedures.</p> <p>1.6 Establish and maintain communication with relevant personnel in line with work health and safety (WHS) requirements.</p>
2. Dry wood flakes and monitor quality.	<p>2.1 Start dryer and hot oil system and monitor continuously in line with operational procedures.</p> <p>2.2 Set drying temperature, humidity and feed rate for optimal recovery of product.</p> <p>2.3 Position flakes and feed at a rate appropriate to machine speed, capacity, flakes moisture content, thickness and condition.</p> <p>2.4 Visually assess flakes and measure moisture levels to ensure specified outcome has been achieved.</p> <p>2.5 Coordinate out-feed to ensure efficient recovery of dried flakes.</p> <p>2.6 Reject and dispose of sub-standard flakes in line with site procedures and environmental requirements.</p>
3. Grade and redistribute wood flakes.	<p>3.1 Grade flakes in line with site requirements and industry standards.</p> <p>3.2 Move flakes to storage or processing operations in line with site requirements.</p> <p>3.3 Reject and dispose of sub-standard material in line with site requirements.</p>
4. Clean up, maintain equipment and record information.	<p>4.1 Clean work area in line with site requirements.</p> <p>4.2 Follow equipment lock-out procedures in line with site procedures.</p> <p>4.3 Check drying mechanism for effective condition.</p> <p>4.4 Check and maintain oil levels, air filters, conveyors and chains.</p> <p>4.5 Clear dust, shavings and debris from drying area in line with workplace requirements.</p> <p>4.6 Record and report drying process and equipment faults to appropriate personnel.</p>

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:

- interpret gauges, dials and screens displaying numerical

	information (levels, capacity, speed) <ul style="list-style-type: none"> • estimate flakes size, quantity and thickness • use grading codes.
Reading skills to:	<ul style="list-style-type: none"> • monitor drying process information.
Writing skills to:	<ul style="list-style-type: none"> • enter data • record production, quality and maintenance information.
Problem solving skills to:	<ul style="list-style-type: none"> • identify irregularities in temperature and levels and make appropriate adjustments.

Range of Conditions

Not Applicable

Unit Mapping Information

FPIWPP3228B Dry Wood Flakes

Links

Companion Volume implementation guides are found in VETNet -

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