



Australian Government

FWPSAW3223 Assess wood chips

Release: 1

FWPSAW3223 Assess wood chips

Modification History

Release	Comment
1	Replaces equivalent unit FPISAW3223B Assess wood chips, 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 assess wood chips for quality and contamination and to report on the outcomes for downstream processing. Work is undertaken in a forest and wood products factory setting.

The unit applies to Sawmill Worker, Production Worker, Chipper Operator.

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

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. Prepare for assessment	1.1 Check work order requirements. 1.2 Obtain required type and quantity of wood chips for assessment. 1.3 Select moisture meters and testing equipment and check for operational effectiveness. 1.4 Plan testing procedures according to site procedures and environmental requirements.
2. Collect and assess	2.1 Collect chip samples from designated locations and ensure they are

samples	kept free from mixing and contamination. 2.2 Collect wood chips at production, transport and storage for contaminants. 2.3 Review chip production, transport and storage processes for potential sources of contamination 2.4 Report problems with moisture content, size, shape, species and contamination. 2.5 Complete sampling records.
3. Test wood chips and report outcomes	3.1 Review chip specifications from production schedules and orders. 3.2 Test chips for moisture content, size distribution, shape and contamination. 3.3 Store chip samples and file test reports. 3.4 Communicate test results to production personnel to facilitate process control or changes 3.5 Modify test sampling processes in response to new problems and production changes. 3.6 Record and report testing process 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:

- measure moisture and chip size and quantities.

Range of Conditions

Not Applicable

Unit Mapping Information

FPISAW3223B Assess wood chips

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 FWPSAW3223 Assess wood chips

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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:

- follow organisational policies and procedures relevant to assessing wood chips
- assess wood chips in line with a work order and within prescribed organizational requirements for the following:
 - size distribution
 - shape
 - finish quality
 - contamination
 - faults
- safely use tools, machinery and equipment for assessing wood chips
- identify the following contaminants in wood chips:
 - disease
 - infestation
 - rot
 - paint
 - plastic
 - bark
 - charcoal
 - rock
 - metal
- measure moisture in wood chips

- identify whether wood chips meet requirements for size and shape
- record sampling processes and outcomes of wood chip assessment.

Knowledge Evidence

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

- how wood chips are produced, transported and stored
- environmental protection requirements for the safe disposal of waste or contaminated wood chips
- organisational and site standards, requirements, policies and procedures for assessing wood chips
- environmental risks and hazards
- sampling and testing techniques
- types and characteristics of different wood chips
- visual assessment techniques
- storage systems and labelling
- tools and equipment and their safe use, operation and maintenance during the assessment of wood chips
- procedures for recording and reporting workplace information.

Assessment Conditions

The following resources must be made available:

- wood chips
- equipment for measuring moisture in wood chips
- personal protective equipment
- relevant personnel for the purposes of communicating information
- documents, spreadsheets and commonly used proforma documents
- organisational policies and procedures relevant to assessing wood chips.

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.

Links

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