



Australian Government

FWPSAW3216 Transfer wood chips

Release: 2

FWPSAW3216 Transfer wood chips

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 operate the transfer process and transfer wood chips to stockpile or transport systems. Work is completed in a forest products factory setting.

The unit applies to Sawmill Worker, Production Worker, Machine 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

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 to transfer wood chips	1.1 Review work order and where required check with appropriate personnel. 1.2 Select appropriate personal protective and other equipment and check for operational effectiveness in line with manufacturer's recommendations. 1.3 Plan transferral process in line with work order.

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 Inspect deposit point for access and cleanliness.
2. Set up and use equipment for wood chip transfer	2.1 Use equipment in line with organisational safety procedures, manufacturer's instructions and environmental protection practices. 2.2 Complete pre start-up equipment checks to ensure operational effectiveness. 2.3 Adjust machines and feed systems for wood chip transfer or transport. 2.4 Identify and obtain type and quantity of wood chips to be transferred. 2.5 Monitor conveyor operations and clear jams to ensure free flow of output material to transfer systems. 2.6 Use a chip slinger or air blower to transfer wood chips.
3. Complete wood chip transfer	3.1 Direct slinger or blower to enable filling or distribution over required area. 3.2 Check filling or distribution levels and stop or top up in line with work order. 3.3 Identify routine processing and equipment faults and resolve or report to appropriate personnel.

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:	Identify quantities of wood chip required within work orders and measure volume.
Oral communication skills to:	Ask open and closed probe questions and actively listen to clarify contents of work orders.
Reading skills to:	- Interpret: - Workplace health and safety and other organisational procedures - Work orders

Skill	Description
	Manufacturers' instructions and maintenance recommendations.
Writing skills to:	Complete accurate basic records for processing and equipment faults.
Planning and organising skills to:	Efficiently and logically sequence the stages of preparation and transfer Work using work order to guide activities.
Problem-solving skills to:	- Monitor machine operations and take action to clear jams - Recognise faulty equipment and resolve by reporting or rectifying.
Technology skills to:	- Select and use appropriate personal protective equipment used for Transferring wood chips - Efficiently and safely operate and monitor slingers, blowers and conveyors.

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPSAW3216 Transfer wood chips Release 2	FWPSAW3216 Transfer wood chips Release 1	Metadata mapping corrected to remove reference to FWPSAW3215B	Equivalent unit

Links

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

Assessment Requirements for FWPSAW3216 Transfer 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 transferring wood chips.
- transfer wood chips in line with a work order and within prescribed organisational requirements
- direct woodchips to the transport arrangements and stockpiles in line with organisational requirements and OHS regulations.

Knowledge Evidence

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

- purpose, features and operation of equipment used for transferring wood chips:
 - conveyors, chutes or track systems that move processed wood chips from the screening system to the transfer process
 - chip slingers
 - air blowers
- stages of the wood chip production, screening and transfer process
- typical flow of material supply in and out of the wood chip production area
- range of categories used for wood chips and visual characteristics:
 - species
 - size
 - moisture content
- methods to label wood chips in stockpiles and common terms used
- environmental protection practices for forest products factory settings:

- cleaning of plant, tools and equipment
- reducing water and energy use
- disposing of, recycling and reusing timber
- organisational policies and procedures specific to transferring wood chips:
 - workplace health and safety with particular emphasis use of personal protective and other equipment
- communication reporting lines
- recording and reporting processing and equipment faults.

Assessment Conditions

The following resources must be made available:

- conveyors, chutes or track systems that move processed wood chips from the screening system to the transfer process
- chip slingers
- air blowers
- a selection of wood chips
- personal protective equipment suitable for transferring wood chips
- manufacturers' instructions and recommendations for use of equipment
- work order with specific instructions for the quantity of wood chips and requirements for transfer to stockpile or transportation
- documents, spreadsheets and commonly used proformas for recording processing and equipment faults
- relevant personnel for the purposes of communicating information
- organisational policies and procedures for transferring woodchips.

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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