



Australian Government

FWPCOT3341 Coordinate and monitor wood chip stockpile

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 coordinate and monitor the movement and distribution of wood chips to, from and over the stockpile, including movement and loading.

The unit applies to individuals who plan and coordinate wood chip stockpile operations, including wood chip loading and movement, in forest and wood products work environments.

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

Common Technical (COT)

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 wood chip stockpile movement operations	1.1 Determine job requirements from work order and, where required, seek clarification from appropriate personnel 1.2 Confirm workplace health and safety and environmental protection practices and/or procedures for task, including use of personal protective equipment

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Identify and assess hazards and take actions to mitigate risks related to wood chip stockpile operations 1.4 Produce stockpile schedules according to workplace procedures 1.5 Check wood chip supplies 1.6 Establish plan for stockpile operations, and communicate to team members and other appropriate personnel
2. Control wood chip stockpile	2.1 Establish area for stockpile, and estimate growth or contraction on basis of production and shipping schedules 2.2 Review reach of chip slinging equipment 2.3 Inspect stockpile and identify hazards within vehicle operational area 2.4 Monitor stockpile for signs of self-heating and fire, and take corrective action according to workplace procedures
3. Coordinate wood chip stockpile movement and loading	3.1 Select and allocate vehicles and attachments to spread chips and load transport 3.2 Advise team members and other personnel of spreading, moving and loading operations 3.3 Coordinate stockpile levelling in accordance with workplace procedures 3.4 Maintain stockpile so that it is stable, compact and provides access for chip retrieval and for continued slinging 3.5 Coordinate and direct wood chip retrieval from stockpile edges to transport 3.6 Maintain schedules so that sufficient quantities of chips are available to meet demand 3.7 Investigate, record and report on wood chip movement and equipment faults in accordance with 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	Interpret routine workplace documents related to coordinating wood chip stockpile
Writing	Complete routine records for processing and equipment faults
Oral communication	Use clear, concise verbal instructions to communicate with team members to coordinate transport and direct movement of stockpile
Numeracy	- Estimate area and volume of wood chips - Estimate reach of wood slinging equipment

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT3341 Coordinate and monitor wood chip stockpile	FWPSAW3224 Coordinate and monitor the wood chip stockpile	Revised Performance Criteria Updated Foundation Skills, Performance Evidence and Assessment Conditions	Equivalent

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 FWPCOT3341 Coordinate and monitor wood chip stockpile

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has:

- planned wood chip stockpile operations for one production period at one site
- established and controlled the wood chip stockpile during one production period at the site
- coordinated and monitored the loading, movement and distribution of wood chips to, from and over the wood chip stockpile during one production period at the site.

In performing these tasks, the individual has:

- followed workplace procedures
- safely used, and directed others to safely use, chip slinging equipment
- maintained wood chip stockpile to ensure stability, compactness and access for chip retrieval and ongoing slinging
- safely directed others when chips are delivered and transported by wheeled or tracked dozers or loaders
- maintained schedules to ensure that sufficient quantities of chips are available to meet demand
- maintained accurate records about stockpile and movement of woodchips.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- purpose and safe use of equipment used in coordinating and monitoring the wood chip stockpile including:
 - wheeled dozers and loaders
 - chip slinging equipment
- wood chip movement and loading procedures

- environmental protection requirements and practices for maintenance and safe disposal of waste material from stockpiles, and the cleaning of plant, tools and equipment
- environmental hazards and associated risks with stockpiles, including contamination
- workplace procedures relating to the wood chip stockpile
- causes and consequences of stockpile self-heating and fire
- wood chip movement and loading procedures
- workplace health and safety procedures including procedures for fire, emergency and evacuation
- procedures for recording and reporting workplace information
- maintenance procedures for tools and equipment.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a timber processing plant, wood chip processing plant or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - wood chip stockpile
 - equipment used in wood chip stockpile operations, including chip slinging equipment, wheeled or tracked dozers or loaders
 - personal protective equipment suitable for coordinating and monitoring the wood chip stockpile
- specifications:
 - workplace procedures for planning, coordinating and monitoring a wood chip stockpile
 - workplace health and safety and environmental protection policies and/or procedures applicable to planning, coordinating and monitoring a wood chip stockpile
- relationships:
 - team members and relevant personnel for the purposes of communicating information.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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