

Modification history

Release	Comments
Release 1	This version released with PPM Pulp and Paper Manufacturing Training Package Version 1.0.

PPMRES2XX	Distribute woodchips
Application	<p>This unit of competency describes the skills and knowledge required to plan and distribute woodchips to storage facilities for the production of pulp.</p> <p>The unit applies to production support operators who under supervision, carry out routine tasks in woodchip distribution for a pulp manufacturing facility.</p> <p>No licensing, legislative, or certification requirements apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Primary Resource Operations (RES)

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 woodchip distribution	1.1 Identify and confirm woodchip distribution requirements against work order 1.2 Estimate storage size requirement from production and distribution schedules 1.3 Plan filling or distribution patterns to enable maximum woodchip storage. 1.4 Identify requirements for specific sequences in filling deposit areas 1.5 Plan and confirm direction and extent for distribution and contraction, with relevant personnel 1.6 Estimate chip distribution requirements considering the reach and limitations of the chip slinging and chip moving equipment 1.7 Selected required equipment and sequence work tasks according to distribution requirements and specifications and work health and safety and workplace procedures
2. Start up transfer equipment and chip distributor	2.1 Complete pre-startup checks for conveyors, chip distributor, and wheeled or tracked vehicles according to work health and safety and operating procedures 2.2 Identify health and safety hazards and report safety concerns 2.3 Remove isolations and check deposit areas to ensure clearance for startup 2.4. Inform other operators of impending startup 2.5. Start conveyors and chip spreading processes and monitor transfer of woodchips
3. Distribute woodchips to storage facility	3.1. Prepare equipment for distribution of woodchips according to work health and safety and operating procedures 3.2 Inspect storage to identify hazards within vehicle operational area 3.3 Communicate notice of impending operation to relevant personnel 3.4 Manoeuvre woodchip distribution to enable filling or distribution over required area 3.5. Deliver woodchips to storage facilities according to production and distribution requirements 3.6 Record distribution information according to workplace requirements

Foundation Skills	
<i>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.</i>	
Skill	Description
Reading	<ul style="list-style-type: none"> Interpret information from order requirements and workplace procedures
Writing	<ul style="list-style-type: none"> Complete forms and records accurately and legibly using industry terminology
Oral communication	<ul style="list-style-type: none"> Select and use appropriate and clear communication strategies with work colleagues and other personnel on site
Numeracy	<ul style="list-style-type: none"> Use measuring equipment to estimate volume and weight Interpret numerical data on instruments, gauges and data recording equipment.

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
PPMRES2XX Distribute woodchips	PPMRES250 Distribute woodchips	Changes to performance criteria, foundation skills, performance and knowledge evidence. Assessment conditions updated.	Equivalent

Links
Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=12998f8d-d0ac-40bc-a69e-72a600d4fd93

TITLE	Assessment requirements for PPMRES2XX Distribute woodchips
Performance Evidence	
<p>An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.</p> <p>There must be evidence that the individual has distributed woodchips to a pulp storage facility according to two different work orders, including for each order:</p> <ul style="list-style-type: none"> • planned work tasks according to distribution requirements • operated transfer equipment and chip distributor safely and efficiently • completed accurate labels and dispatch records • communicated effectively and worked safely with others when undertaking distribution. 	
Knowledge Evidence	
<p>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:</p> <ul style="list-style-type: none"> • types of, and characteristics of wood types and grades used for pulp production • workplace procedures relevant to woodchip distribution, including work health and safety, high risk load shifting licensing requirements, environmental requirements, and risks and hazard identification • workplace environmental sustainability requirements and practices for woodchip distribution, including workplace biotechnological applications and processes and biomass-derived products • woodchip distribution area layout and associated services including operating parameters, variation and associated adjustments • woodchip pile segregation purpose and techniques • transfer and distribution equipment fault identification and corrective action • electronic and other control systems, operation and application to make appropriate adjustments that control woodchip distribution system. 	
Assessment Conditions	
<p>Assessment of skills in this unit of competency must take place under the following conditions:</p> <ul style="list-style-type: none"> • physical conditions: <ul style="list-style-type: none"> • skills must be demonstrated in a pulp manufacturing facility or an environment that accurately reflects performance in a workplace • resources, equipment and materials: <ul style="list-style-type: none"> • woodchip for distribution • woodchip distribution system • equipment and materials for transferring and distributing woodchip • electronic control systems including digital control system, touch screens or robotics to control woodchip distribution system • personal protective equipment for undertaking distribution tasks • records system for producing labels and recording woodchip distribution details • specifications: <ul style="list-style-type: none"> • workplace and standard operating procedures relating to woodchip distribution including health and safety, risks and hazards identification, quality, housekeeping and environmental requirements • relationships: <ul style="list-style-type: none"> • relevant personnel for the purposes of communicating information <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
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