



**Australian Government**

# **PPMRES210 Prepare and operate the woodchip production system**

**Release: 1**

# PPMRES210 Prepare and operate the woodchip production system

## Modification History

Release	Comment
1	Replaces equivalent unit FPPRES210A Prepare and operate the woodchip production system, which was first released with FPP10 Pulp and Paper Manufacturing Industry Training Package Version 1.0.  This is the first release of this unit in the new standards format.

## Application

This unit of competency describes the outcomes required to check, monitor and operate the woodchip production system in the pulp and paper industry.

The unit applies to production operators and technicians who prepare, monitor and operate a woodchip production system in the pulp and paper industry.

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

Pulp and Paper Manufacturing

## Elements and Performance Criteria

ELEMENTS	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. Conduct pre-startup system checks	1.1. Identify work requirements, in accordance with productivity requirements, relevant workplace health and safety (WHS) procedures, risks and hazards identification and environmental workplace procedures.

<b>ELEMENTS</b>	<b>PERFORMANCE CRITERIA</b>
	<p>1.2. Carry out external inspection and pre-operational checks of the woodchip system.</p> <p>1.3. Carry out operator level maintenance schedules, as required.</p> <p>1.4. Remove isolations in accordance with site procedures.</p> <p>1.5. Confirm that monitoring devices and alarm systems are operational.</p> <p>1.6. Identify logs to be processed and loaded to ensure correct presentation.</p> <p>1.7. Carry out pre startup checks on equipment, conveyors, transfer system and operational monitoring equipment.</p> <p>1.8. Notify relevant personnel of impending startup.</p>
2. Start up system for production run	<p>2.1. Check transfer equipment, bins and hoppers to ensure prevention of chip contamination as required.</p> <p>2.2. Start up system production according to safe working requirements.</p> <p>2.3. Dock logs, as required.</p>
3. Monitor and maintain chipping system operation	<p>3.1. Monitor logs and conveyors to achieve optimum flow.</p> <p>3.2. Co-ordinate and maintain the supply of logs to ensure production requirements are met.</p> <p>3.3. Use electronic monitoring of operating equipment and visually ensure operating conditions are continually maintained.</p> <p>3.4. Identify potential blockage and/or jamming situations and take appropriate action to rectify.</p> <p>3.5. Continually monitor woodchip quality, as required.</p> <p>3.6. Monitor and maintain woodchip transfer to storage system.</p> <p>3.7. Monitor and maintain storage levels, as required.</p>
4. Record and document machine performance and production data	<p>4.1. Record and maintain production and quality records, as required</p> <p>4.2. Enter data into computer system, as required</p> <p>4.3. Communicate problems or variations to relevant personnel.</p>
5. Conduct a plant shutdown	<p>5.1. Communicate shutdown plan, with relevant personnel.</p> <p>5.2. Carry out shutdown procedure.</p> <p>5.3. Identify and rectify cause of uncontrolled shutdown.</p> <p>5.4. Record shutdown details, as required.</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:	<ul style="list-style-type: none"> <li>interpret instruments, gauges and data recording equipment</li> <li>use measuring equipment, as required.</li> </ul>
Oral communication skills to:	<ul style="list-style-type: none"> <li>select and use appropriate spoken communication strategies with work colleagues and other personnel on site during woodchip production.</li> </ul>
Reading skills to:	<ul style="list-style-type: none"> <li>read and interpret specifications and procedure manuals.</li> </ul>
Writing skills to:	<ul style="list-style-type: none"> <li>record production data accurately and legibly, using correct technical vocabulary</li> <li>access, navigate and enter computer based information</li> </ul>
Problem solving skills to:	<ul style="list-style-type: none"> <li>maintain situational awareness in the work area</li> <li>analyse and use sensory information to adjust process to maintain and co-ordinate safety, quality and productivity.</li> </ul>
Technology skills to:	<ul style="list-style-type: none"> <li>use video, electronic and other control systems to control equipment and processes and make appropriate adjustments for woodchip production</li> </ul>

## Range of Conditions

Not Applicable

## Unit Mapping Information

FPPRES210A Prepare and operate the woodchip production system

## Links

Companion Volume implementation guides are found in VETNet -  
<https://vetnet.education.gov.au/Pages/TrainingPackages.aspx/Pages/Home.aspx>