



Australian Government

PPMSPR401 Troubleshoot and rectify stock preparation systems

Release: 1

PPMSPR401 Troubleshoot and rectify stock preparation systems

Modification History

Release	Comments
Release 1	This version released with PPM Pulp and Paper Manufacturing Training Package Version 3.0.

Application

This unit of competency describes the skills and knowledge required to identify, diagnose, rectify and report on system, equipment and quality faults in the stock preparation systems of a pulp and/or paper manufacturing facility.

The unit applies to senior operators and production specialists who work in the pulp and paper manufacturing industry and troubleshoot and rectify complex system faults that occur in continuous stock preparation operations.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Stock Preparation Operations (SPR)

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. Identify and analyse causes of system and quality faults	1.1 Prepare for rectification of stock preparation systems according to productivity requirements and workplace health and safety and environmental procedures 1.2 Identify safety hazards and identify risk control measures with relevant personnel 1.3 Interpret alarm system alerts and complete routine visual checks to identify system faults

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	<p>1.4 Access plant operating logs and check for recent work undertaken on plant to assist diagnosis</p> <p>1.5 Conduct systemic sampling and testing, and interpret results to identify variations from quality specifications</p> <p>1.6 Analyse collected information to identify fault type and location</p> <p>1.7 Report fault and proposed corrective actions to relevant personnel</p>
2. Rectify system and equipment faults	<p>2.1 Shut down and isolate equipment according to workplace health and safety and operating procedures</p> <p>2.2 By-pass faulty equipment as process allows</p> <p>2.3 Repair or replace faulty equipment and make corrective system adjustments according to manufacturer specifications</p> <p>2.4 Complete routine preventative maintenance according to workplace procedures</p> <p>2.5 Restore system operations and communicate verification to relevant personnel</p>
3. Rectify product quality faults	<p>3.1 Conduct further testing to identify variations in specified quality of stock, chemicals and water</p> <p>3.2 Adjust processes to rectify out-of-specification product according to operating procedures</p>
4. Record and report troubleshooting and rectification activities	<p>4.1 Document system and product faults according to workplace requirements</p> <p>4.2 Record and report diagnostic and corrective action processes to relevant personnel</p>

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	<ul style="list-style-type: none"> Interpret information from a range of documentation

Skill	Description
Writing	<ul style="list-style-type: none"> Complete accurate detailed records and reports for system and product faults, diagnostic and corrective action processes using the required format
Oral communication	<ul style="list-style-type: none"> Provide comprehensive information about problems with equipment and products using clear language and industry terminology Provide clear, unambiguous information about return to normal operations to system operators and other personnel
Numeracy	<ul style="list-style-type: none"> Interpret numerical settings on instruments, gauges and data recording equipment Assess and interpret system and product data Record detailed numerical data for system and product test results Use measuring equipment to measure and inform calculations

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
PPMSPR401 Troubleshoot and rectify stock preparation systems	PPMSPR440 Troubleshoot and rectify stock preparation systems	Changes to elements, performance criteria, foundation skills, performance evidence and knowledge evidence Assessment conditions updated	Not equivalent

Links

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