



Australian Government

PPMSPR440 Troubleshoot and rectify stock preparation systems

Release: 2

PPMSPR440 Troubleshoot and rectify stock preparation systems

Modification History

Release	Comments
Release 2	This version released with PPM Pulp and Paper Manufacturing Training Package Version 2.0.
Release 1	This version released with PPM Pulp and Paper Manufacturing Training Package Version 1.0.

Application

This unit of competency describes the skills and knowledge required to identify and analyse causes of system, equipment and product faults and to rectify and report on problems in the stock preparation area of a pulp or paper manufacturing facility.

The unit applies to senior operators and production specialists who troubleshoot and rectify stock preparation systems. This typically involves working in a facility with complex integrated equipment and continuous operations.

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

Pre-requisite Unit

Nil

Unit Sector

Stock preparations 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 faults	1.1 Complete routine visual or physical walk to identify system faults in line with workplace health and safety and standard operating procedures (SOP)

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.2 Interpret alarm system alerts and observations to diagnose fault type 1.3 Access plant operating logs to assist diagnosis 1.4 Sample and test stock for variations from quality specifications; interpret and record results 1.5 Analyse all information collected to identify fault type and location 1.6 Report fault and communicate proposed actions to rectify 1.7. Select, fit, use and maintain personal protective equipment according to job requirements and task to be undertaken
2. Rectify system and equipment faults	2.1 Follow organisational safety and SOP to shut down and isolate equipment prior to fault rectification 2.2 By-pass faulty equipment where the process allows 2.3 Repair or replace faulty equipment and make corrective system adjustments 2.4 Complete routine preventative maintenance according to organisational procedures 2.5 Restore system operations and advise relevant personnel of return to normal operation
3. Rectify product quality faults	3.1 Identify variations in specified quality of stock, chemicals and water through routine visual observations 3.2 Sample and test stock for variations from quality specifications; interpret and record results 3.3 Adjust processes to rectify out-of-specification product
4. Record and report faults and rectification process	4.1 Document system and product faults according to organisational procedures 4.2 Record and report diagnostic and corrective action processes to relevant 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
Reading	- Interpret workplace health and safety and SOP - Interpret equipment operating logs
Writing	Complete accurate detailed records for system and product faults, diagnostic and corrective action processes
Numeracy	- Interpret basic 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
Interact with others	- Provide clear comprehensive information about problems with equipment and products - Provide clear unambiguous information about return to normal operations to system operators and other personnel
Get the work done	Use and assess sensory information (sight, sound, touch, smell, vibration, temperature) to respond to system and product faults

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
PPMSPR440 Troubleshoot and rectify stock preparation systems Release 2	PPMSPR440 Troubleshoot and rectify stock preparation systems Release 1	Performance criteria added, minor changes to knowledge evidence	Equivalent unit

Links

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