



Australian Government

PPMCPP440 Troubleshoot and rectify coated paper processes

Release: 2

PPMCP440 Troubleshoot and rectify coated paper processes

Modification History

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

Application

This unit of competency describes the skills and knowledge required to diagnose, rectify and report on plant, equipment or product quality faults in coated paper processes.

This unit applies to senior operators and production specialists who troubleshoot and rectify coated paper processes in a pulp or paper manufacturing facility. This work typically involves complex integrated equipment and continuous operations. Coated paper processes describe a range of systems and sub systems including tail feed systems, chemical and material batching, laminating and coating, splicing, clay plant operation, calendaring, pre-reeler operations, super calendaring, rewinding, drying systems, internal unloading and combine rollers.

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

Pre-requisite Unit

Nil

Unit Sector

Coated paper processes (CPP)

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 diagnose causes of process	1.1 Identify and diagnose plant or equipment faults in coated paper processes in accordance with production requirements, relevant

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
variation, plant or equipment faults	<p>workplace health and safety procedures, risks and hazards identification and environmental workplace procedures</p> <p>1.2 Interpret visual assessments and machine alarm systems to determine fault type and location</p> <p>1.3 Identify faults through routine physical inspections of plant, processes and equipment</p> <p>1.4 Use appropriate techniques to identify and locate cause and source of process variation, plant or equipment faults</p> <p>1.5 Access and analyse relevant historical data, as required to confirm diagnosis</p> <p>1.6 Communicate problems to relevant personnel</p> <p>1.7 Select, fit, use and maintain personal protective equipment according to job requirements and task to be undertaken</p>
2. Rectify process variation, plant and equipment faults	<p>2.1 Initiate, prior to fault rectification, emergency stop or shutdown, isolation and lockout procedures</p> <p>2.2 Isolate, repair or replace faulty equipment or instrumentation and undertake appropriate adjustments and rectification</p> <p>2.3 Implement corrective operational adjustments and maintenance requirements</p> <p>2.4 Restore normal operations and communicate to relevant personnel</p>
3. Identify and rectify product quality faults	<p>3.1 Identify by observation, systematic sampling and testing product faults or variations</p> <p>3.2 Manage out of specification product</p> <p>3.3 Undertake sampling for tests to identify product faults or variations</p> <p>3.4 Conduct required tests</p> <p>3.5 Interpret test results and adjust to correct variations</p>
4. Record and report troubleshooting activities	<p>4.1 Identify recording and reporting workplace requirements for troubleshooting</p> <p>4.2 Document variations from specification and machine operation faults</p> <p>4.3 Record assessment and evaluation of causes of deviation, and corrective action undertaken, according to standard operating or organisational procedures</p>

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<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	4.4 Communicate relevant information to 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	<ul style="list-style-type: none"> Interpret procedure manuals and test results
Writing	<ul style="list-style-type: none"> Record and report test results and rectifications accurately and legibly using correct technical vocabulary
Oral communication	<ul style="list-style-type: none"> Use appropriate spoken communication strategies with work colleagues and other personnel on site to assist with analysis and resolution of operational problems and to manage troubleshooting and maintenance
Numeracy	<ul style="list-style-type: none"> Interpret instruments, gauges and data recording equipment Use measuring equipment and undertake calculations to aid testing and troubleshooting
Navigate the world of work	<ul style="list-style-type: none"> Use electronic and other control systems to control equipment and processes and make appropriate adjustments for coated paper processes
Get the work done	<ul style="list-style-type: none"> Maintain situational awareness in the work area Analyse and use sensory information to adjust process to maintain and coordinate safety, quality and productivity

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
PPMCP440 Troubleshoot and rectify coated paper processes	PPMCP440 Troubleshoot and rectify coated paper processes Release 1	Performance criteria added, minor changes to knowledge evidence	Equivalent unit

Release 2			
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Links

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