



Australian Government

PPMCPP210 Monitor and control coated paper processes

Release: 2

PPMCP210 Monitor and control coated paper processes

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 monitor and maintain coated paper processes, ensure product quality and record and report production data.

This unit applies to production support workers who work in a pulp or paper manufacturing facility in the coated paper area. This typically involves working in a facility with complex integrated equipment and continuous operations.

No licensing, legislative, regulatory, 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. Monitor and maintain process	1.1 Check production requirements at start of shift and plan daily work activities in line with organisational safety and standard operating procedures (SOP) 1.2 Confirm operational status by inspection, observation and other information

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Maintain process supplies to meet production requirements 1.4 Monitor process to ensure coating system operations are within specification 1.5 Identify, rectify or report routine variations from specification 1.6 Monitor and maintain process levels to maintain productivity requirements 1.7 Complete routine preventative maintenance in line with maintenance schedules 1.8 Select, fit, use and maintain personal protective equipment according to job requirements and task to be undertaken
2. Control product quality	2.1 Monitor and maintain product to quality requirements 2.2 Conduct routine visual observations and assessments on product and system operations 2.3 Sample and test product quality and interpret and record results to ensure production requirements are maintained 2.4 Adjust system operation to rectify out-of-specification product and maintain productivity requirements
3. Record and report product and process data	3.1 Interpret production data and enter into recording system 3.2 Communicate problems or variations with process, product or equipment 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 maintenance schedules
Writing	Complete accurate basic records for system operation and production outcomes
Oral communication	Provide clear basic information about problems or variations with process, products and equipment

Skill	Description
Numeracy	- Interpret basic numerical settings on instruments, gauges and data recording equipment - Monitor, assess and interpret production data - Record basic numerical data for test results and production outcomes
Get the work done	Use and assess sensory information (sight, sound, touch, smell, vibration, temperature) to adjust process to maximise safety, quality and productivity

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
PMMC210 Monitor and control coated paper processes Release 2	PMMC210 Monitor and control coated paper processes Release 1	Performance criteria added, minor changes to knowledge evidence	Equivalent unit

Links

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

Assessment Requirements for PPMCP210 Monitor and control coated paper processes

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit. There must be evidence that the individual has:

- monitored and controlled coated paper processes, at least twice in line with required enterprise intervals, with individual production requirements for each period
- completed routine maintenance on equipment at specified intervals
- completed records for system operation, production outcomes and equipment faults at least twice, in line with required enterprise intervals.

Knowledge Evidence

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:

- organisational procedures relevant to workplace health and safety with particular emphasis on:
 - use of personal protective equipment (PPE)
 - equipment lock out and isolation procedures
 - handling chemicals and hazardous substances, including spill and disposal guidelines
 - plant clearance requirements
 - emergency procedures and responses
 - job safety analysis documentation and processes
 - plant permit systems and processes
 - high risk load shifting licensing requirements where relevant
 - major hazard facility licensing requirements where relevant
- system layout for coated paper processing plant
- purpose, features and operation of coated paper process plant, operating parameters and allowable variations

- operation and application of electronic and other control systems
- key features of the full range of processes involved in controlling coated paper production
- purpose of, and processes for sampling and testing product quality, plant and system operations
- quality requirements for different types of coated paper
- methods used to monitor coating system operations against specified system parameters
- effect of process adjustments on product quality and productivity during monitoring and operation
- organisational procedures including:
 - standard operating procedures (SOP) specific to coated paper processes
 - communication reporting lines
 - recording and reporting system operation, production outcomes and equipment faults.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace or a productive environment that accurately reflects performance in a workplace
- resources, equipment and materials:
 - access to the full range of tools and equipment involved in integrated continuous manufacturing of coated paper processes in a pulp or paper manufacturing facility
 - machines, equipment and resources specific to coated paper operations including electronic control systems which includes digital control system, touch screens or robotics
 - consumables which can be chemicals and polymers, additives, labels, felts and base paper
 - maintenance tools and equipment and consumables for coated paper process plant
 - PPE suitable for operating coated paper process plant
- specifications:
 - maintenance schedules for coated paper process plant
 - template documents for recording system operation and production outcomes
 - organisational workplace health and safety and SOP
- relationships:
 - relevant personnel for the purposes of communicating information.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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