



Australian Government

PPMWEO201 Monitor and control wet end operations

Release: 1

PPMWEO201 Monitor and control wet end operations

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 monitor and control wet end operations, ensure product quality, complete product grade changes and record process and system information.

The unit applies to production support workers who assist in the wet end area work of a paper manufacturing facility, undertaking routine work in monitoring, identifying and solving predictable problems that occur with 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

Wet End Operations (WEO)

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. Prepare to monitor wet end operations	1.1 Check production requirements at start of shift and plan work activities according to workplace health and safety and standard operating procedures 1.2 Identify health and safety hazards and report safety concerns 1.3 Select and fit personal protective equipment according to safety requirements 1.4 Check tools and equipment are operational, and supplies are

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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>
	available
2. Monitor and maintain process	<p>2.1 Confirm operational status by inspection, observation and other information</p> <p>2.2 Maintain process supplies to meet production requirements</p> <p>2.3 Monitor process to ensure wet end system operations are within specification</p> <p>2.4 Identify, rectify or report routine variations from specification</p> <p>2.5 Monitor and maintain process levels to maintain productivity requirements</p> <p>2.6 Detect sheet breaks and re-establish sheet according to operating procedures</p> <p>2.7 Complete routine preventative maintenance according to maintenance schedules</p>
3. Control product quality	<p>3.1 Monitor and maintain sheet according to quality requirements</p> <p>3.2 Conduct routine visual observations and assessments on product and system operations</p> <p>3.3 Sample and test product quality, and interpret and record results</p> <p>3.4 Adjust system operation to rectify out-of-specification product and maintain productivity requirements</p>
4. Complete product grade change	<p>4.1 Identify grade change requirements and obtain required stock and chemicals</p> <p>4.2 Shut down wet end systems according to operating procedures</p> <p>4.3 Complete flushing, draining and cleaning of stock, chemicals and water systems according to operating procedures</p> <p>4.4 Implement process setups or adjustments to meet new grade requirements</p> <p>4.5 Prepare required raw materials and supplies for new grade requirements</p> <p>4.6 Implement stock, chemical and water system start-ups to meet new grade requirements</p> <p>4.7 Implement grade change on the run according to production specifications</p>
5. Record and report	5.1 Interpret production data and enter into recording system

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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>
product and process data	5.2 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	<ul style="list-style-type: none"> Interpret information in workplace procedures and maintenance schedules
Writing	<ul style="list-style-type: none"> Complete accurate basic records in the required format
Oral communication	<ul style="list-style-type: none"> Provide clear basic information about problems or variations with process, products and equipment using clear language and industry terminology
Numeracy	<ul style="list-style-type: none"> Interpret basic numerical settings on instruments, gauges and data recording equipment Record basic numerical data for test results and production outcomes

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
PPMWEO201 Monitor and control wet end operations	PPMWEO210 Monitor and control wet end operations	Element added Changes to 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>