PPMWEO210 Monitor and control wet end operations

Release: 2

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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 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 work in a pulp and paper manufacturing facility in the wet end area. This typically involves 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

Wet end operations (WEO)

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Monitor and maintain process	1.1 Check production requirements at start of shift and plan to carry out daily work activities in line with workplace health and safety and standard operating procedures (SOP) including the use of correct

Elements	Performance Criteria
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
	personal protective equipment
	1.2 Confirm operational status by inspection, observation and other information
	1.3 Maintain process supplies to meet production requirements
	1.4 Monitor process to ensure wet end 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 Detect sheet breaks and re-establish sheet according to SOP
	1.8 Complete routine preventative maintenance in line with maintenance schedules
2. Control product quality	2.1 Monitor and maintain sheet 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
	2.4 Adjust system operation to rectify out-of-specification product and maintain productivity requirements
3. Complete product grade change	3.1 Plan and determine grade change requirements and obtain stock and chemicals
	3.2 Shut down wet end systems according to SOP
	3.3 Complete flushing, draining and cleaning of stock, chemicals and water systems
	3.4 Implement process setups or adjustments to meet new grade requirements
	3.5 Stage raw materials and supplies required for new grade requirements as ready for use
	3.6 Coordinate and implement stock, chemical and water system startups to meet new grade requirements
	3.7 Coordinate and implement grade change on the run according to organisational procedures
4. Record and report product and	4.1 Interpret production data and enter into recording system

Elements	Performance Criteria
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
process data	4.2 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 requirements in workplace health and safety, SOPs and maintenance schedules
Writing	• Complete accurate basic records for system operation and production outcomes
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
Interact with others	• Provide clear basic information about problems or variations with process, products and equipment
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
PPMWEO210 Monitor and control wet end operations Release 2	PPMWEO210 Monitor and control wet end operations Release 1	Minor changes to performance criteria and 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