



Australian Government

PPMPUL210 Monitor and control pulping operations

Release: 2

PPMPUL210 Monitor and control pulping operations

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 pulping processes, ensure product quality and record and report production data.

The unit applies to production support operators who monitor and control pulping operations in a pulp or paper manufacturing facility. 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

Pulping operations (PUL)

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 to carry out daily work activities in line with organisational safety and standard operating procedures (SOP) 1.2 Confirm operational parameters by inspection and observation

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 and supply systems to meet production requirements 1.4 Monitor process to ensure pulping 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 Monitor discharges to meet environmental protection requirements 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 pulp to quality requirements 2.2 Conduct routine visual observations and assessments on pulp and system operations 2.3 Sample and test pulp quality to ensure production requirements are maintained and interpret and record results 2.4 Adjust system operation to rectify out-of-specification pulp and maintain productivity requirements 2.5 Monitor and control product storage levels
3. Monitor and maintain plant	3.1 Inspect plant, interpret variations and adjust to maintain production and quality schedules 3.2 Calibrate and maintain test equipment 3.3 Complete routine preventative maintenance in line with maintenance schedules
4. Record and report product and process data	4.1 Interpret production data and enter into recording system 4.2 Communicate problems or variations with process, product or equipment to relevant personnel 4.3 Record and report problems with environmental releases

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, production outcomes and problems with environmental release
Oral communication	Provide clear basic information about problems or variations with process, products and equipment
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
PPMPUL210 Monitor and control pulping operations Release 2	PPMPUL210 Monitor and control pulping operations 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>