



Australian Government

PPMWPO210 Monitor and control waste paper operations

Release: 2

PPMWPO210 Monitor and control waste paper 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 waste paper operations, ensure product quality and record and report production data.

The unit applies to production support operators who work in a pulp or paper manufacturing facility in the waste paper operations area. This typically involves working in a facility with complex 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

Waste paper operations (WPO)

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 environmental sustainability requirements and workplace health and safety and standard operating procedures (SOP) including use of appropriate personal protective equipment, risks and hazards identification and housekeeping requirements

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.2 Confirm operational status by visual or physical walk around inspections and other information 1.3 Maintain process supplies to meet production requirements 1.4 Monitor reject systems and screens and gauges to ensure operations are within specification 1.5 Identify, rectify or report routine variations from specifications 1.6 Monitor and maintain process levels to maintain productivity requirements 1.7 Complete routine preventative maintenance in line with maintenance schedules
2. Control stock quality	2.1 Monitor and maintain conveyor feeds for consistent delivery 2.2 Sample and test stock quality and interpret and record results 2.3 Adjust product quality and system operation to rectify out of specification stock and maintain productivity requirements 2.4 Monitor and maintain water distribution systems
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 and 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
Numeracy	Interpret basic numerical settings on instruments, gauges and data

Skill	Description
	- 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
PPMWPO210 Monitor and control waste paper operations Release 2	PPMWPO210 Monitor and control waste paper 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.gov.au/Pages/TrainingDocs.aspx?q=12998f8d-d0ac-40bc-a69e-72a600d4fd93>

Assessment Requirements for PPMWPO210 Monitor and control waste paper operations

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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 waste paper operations and completed routine maintenance on equipment, at least twice in line with required enterprise intervals
- for each of the above operational periods, completed records for system operation, production outcomes and equipment faults.

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 requirements where relevant
- system layout for waste paper processing plant
- purpose and location of each supply system
- purpose, features and operation of each component of the waste paper operations system, operating parameters and allowable variations

- purpose of process controls and how changes affect production variables
- purpose, features and operation of:
 - reject system
 - water systems
- operation and application of electronic and other control systems
- purpose of each of the steps in the preparation of the waste paper operations system for production
- purpose of, and processes for sampling and testing product quality, plant and system operations
- quality requirements for different types of stock
- methods used to monitor waste paper system operations against specified system parameters
- effect of process adjustments on product quality and productivity during monitoring and operation
- organisational procedures:
 - standard operating procedures specific to waste paper operations
 - 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 equipment involved in integrated continuous manufacturing of waste paper operations in a pulp or paper manufacturing facility
 - PPE suitable for monitoring and controlling equipment and product for waste paper operations
 - fully automated, semi-automated, manually operated plant and equipment appropriate to waste paper operations and related consumables
 - test and diagnostic equipment
- specifications:
 - organisational workplace health and safety standards for waste paper operations in a pulp or paper mill
 - template documents for recording system operation and production outcomes.

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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