Modification history

Release	Comments
Release 1	This version released with PPM Pulp and Paper Manufacturing Training Package Version 3.0.

PPMRFO2XX	Monitor and control recovered fibre operations
Application	This unit of competency describes the skills and knowledge required to monitor and maintain recovered fibre operations, ensure product quality and record and report production data. The unit applies to production support operators who, under supervision, assist in the recovered fibre operations of a pulp manufacturing facility, 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.
Prerequisite Unit	Nil
Unit Sector	Recovered fibre operations (RFO)

Elements	Performance Criteria
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Prepare to monitor recovered fibre operations	1.1 Check production requirements at start of shift and plan work activities according to work 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 available
1. Monitor and maintain process	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 Monitor and maintain water distribution systems according to operating procedures 1.8 Complete routine preventative maintenance according to 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
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 information in workplace procedures and maintenance schedules
Writing	• Complete accurate basic records in the required format
Oral communication	• Provide clear basic information about problems or variations with process, products and equipment using clear language and industry terminology
Numeracy	• 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
PPMRFO2XX Monitor and control recovered fibre operations	PPMWPO210 Monitor and control waste paper operations	Element added. Changes to unit title, unit sector code, performance criteria, foundation skills, performance 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

TITLE	Assessment requirements for PPMRFO2XX Monitor and control recovered fibre operations

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 recovered fibre operations for at least two operational intervals, including for each interval:
- completed checks throughout the process and responded appropriately to variations from process and stock quality
- completed routine maintenance on equipment
- completed accurate 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:
- workplace procedures relevant to work health and safety for recovered fibre operations, including:
    - use of personal protective equipment
    - 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
- permits and licensing requirements for facility hazards and high risk plant and equipment relevant to recovered fibre operations
- workplace environmental sustainability requirements and practices for recovered fibre operations, including biotechnological applications and processes and biomass-derived products
- system layout for recovered fibre processing plant
- purpose and location of each supply system
- purpose, features and operation of each component of the recovered fibre 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 to control recovered fibre operations
- purpose of each of the steps in the preparation of the recovered fibre 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 recovered fibre system operations against specified system parameters
- effect of process adjustments on product quality and productivity during monitoring and operation
- standard operating procedures specific to recovered fibre operations
- procedures for communicating, recording and reporting system operation, production outcomes and equipment faults.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:
- physical conditions:
    - skills must be demonstrated in a pulp manufacturing facility or an environment that accurately reflects performance in a workplace
- resources, equipment and materials:
    - recovered fibre system
    - maintenance tools and equipment and consumables for recovered fibre system
    - testing and diagnostic equipment
    - electronic control systems including digital control system, touch screens or robotics required for recovered fibres operations

Assessment Conditions
- personal protective equipment for operating recovered fibre system   - proforma or recording system for recording system operation and production outcomes   - specifications: - workplace and standard operating procedures relating to recovered fibre operations including health and safety, risks and hazards identification, plant isolation, quality, housekeeping and environmental requirements   - maintenance schedules for recovered fibre system.   Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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