



Australian Government

PPMDIK201 Monitor and control de-inking operations

Release: 1

PPMDIK201 Monitor and control de-inking 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 maintain de-inking operations, ensure product quality and record and report production data.

The unit applies to production support operators, who assist in the de-inking operations of a pulp and/or 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

De-inking Operations (DIK)

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 de-inking 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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	available
2. Monitor and maintain process	2.1 Confirm operational status by visual inspections and other relevant workplace information 2.2 Maintain process supplies to meet production requirements 2.3 Monitor reject systems and screens and gauges to ensure operations are within specification 2.4 Identify, rectify or report routine variations from specifications 2.5 Monitor and maintain process levels to maintain productivity requirements 2.6 Complete routine preventative maintenance according to maintenance schedules
3. Control stock quality	3.1 Sample and test stock quality and interpret and record results 3.2 Adjust product quality and system operation to rectify out-of-specification stock and maintain productivity requirements 3.3 Monitor and maintain washing or flotation systems according to operating procedures
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

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

Skill	Description
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
PPMDIK201 Monitor and control de-inking operations	Not applicable	The unit has been created to address a skill or task required by industry that is not covered by an existing unit	Newly created

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 PPMDIK201 Monitor and control de-inking 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 undertaken routine monitoring and control of de-inking 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 health and safety requirements and procedures for de-inking operations
- workplace environmental sustainability requirements and practices for de-inking operations, including workplace biotechnological applications and processes
- purpose, features and operation of each component of the de-inking operations system, operating parameters and allowable variations
- operation and application of electronic and other control systems to control de-inking operations
- purpose of each of the steps in the preparation of the de-inking 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 de-inking system operations against specified system parameters
- standard operating procedures specific to de-inking 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 and/or paper manufacturing facility or an environment that accurately reflects performance in a workplace
- resources, equipment and materials:
 - de-inking system and plant
 - maintenance tools and equipment and consumables for de-inking system
 - testing and diagnostic equipment
 - electronic control systems, including digital control system, touch screens or robotics required for de-inking operations
 - personal protective equipment for operating de-inking system
 - proforma or recording system for recording system operation and production outcomes
- specifications:
 - workplace and standard operating procedures relating to de-inking operations, including health and safety, risks and hazards identification, plant isolation, quality, housekeeping and environmental requirements
 - maintenance schedules for de-inking 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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