



Australian Government

Assessment Requirements for PPMDIK401 Troubleshoot and rectify de-inking operations

Release: 1

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Modification History

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

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 carried out troubleshooting and rectification activities for de-inking operations on at least two occasions according to operational requirements, including for each occasion:

- selected and used appropriate troubleshooting and testing methods to identify system and stock quality faults
- diagnosed causes and sources of faults on system and associated processes
- identified and taken timely corrective action to rectify and maximise safety, quality and productivity
- communicated effectively and worked safely with others when undertaking troubleshooting and rectification activities
- completed accurate detailed records for system and quality faults, diagnostic and corrective action processes on completion of fault rectification activity.

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 and legislative health and safety requirements and risk measures relevant to operating, troubleshooting and rectifying de-inking operations, including emergency procedures, handling chemical and hazardous substances, high risk load shifting, licensing requirements, plant clearance and permit systems
- relevant workplace and legislative environmental sustainability requirements and practices for de-inking operations, including workplace biotechnological applications and processes considerations for troubleshooting and rectification activities
- types of de-inking operations, including flotation, wash, combined and enzymatic
- purpose, standards and procedures used for troubleshooting de-inking operations, including routine physical inspections and sampling and testing for quality checks

- manufacturer specifications and operating procedures for de-inking plant and equipment, including shutdown and isolation procedures
- processes and associated services of de-inking operations, including:
 - plant layout
 - process and equipment operation
 - causes and effects of adjustments made to de-inking handling plant and processes
 - relationships between de-inking handling system, processes and associated services
- materials and supplies used in de-inking operations
- impact of process variables on production and quality, and making process adjustments
- use of electronic and other control systems to make appropriate adjustments for de-inking operations.

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 represents workplace conditions
- resources, equipment and materials:
 - de-inking system and plant
 - tools, equipment and consumables used to troubleshoot and rectify de-inking operations
 - personal protective equipment required for inspecting and rectifying faulty de-inking equipment and product
 - proforma or recording system for recording diagnostic and corrective action processes
- specifications:
 - workplace and standard operating procedures relating to troubleshooting and rectifying de-inking systems, including health and safety, environmental, risks and hazards identification, plant isolation and quality and requirements
 - manufacturer specifications and operating procedures
- relationships:
 - relevant personnel for the purposes of communicating information.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=12998f8d-d0ac-40bc-a69e-72a600d4fd93>