



Australian Government

**Assessment Requirements for
PPMWEO201 Monitor and control wet end
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 undertaken routine monitoring and control of wet end operations for at least two operational intervals, including for each interval:

- completed checks throughout the process and responded appropriately to variations from process and product specifications
- completed routine maintenance on equipment
- completed a product grade change
- 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:

- workplace health and safety requirements and procedures for wet end operations
- workplace environmental sustainability requirements and practices for wet end operations, including workplace biotechnological applications and processes and biomass-derived products
- purpose, features and operation of wet end system plant, operating parameters and allowable variations
- operation and application of electronic and other control systems to control wet end operations
- types of grades and processes required to complete grade changes for wet end operations
- purpose and processes for, sampling and testing product quality, plant and system operations
- quality requirements for different types of wet end product
- methods used to monitor wet end system operations against specified system parameters
- effect of process adjustments on product quality and productivity during monitoring and operation

- types of raw materials used to produce wet end product
- 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 paper manufacturing facility or an environment that accurately reflects performance in a workplace
- resources, equipment and materials:
 - wet end plant and equipment
 - maintenance tools and equipment and consumables for wet end plant and equipment
 - personal protective equipment required for monitoring and controlling wet end operations
 - test and diagnostic equipment
 - electronic control systems that include digital control system, touch screens or robotics
 - proforma or recording system for recording system operation and production outcomes
- specifications:
 - workplace and standard operating procedures relating to wet end operations, including health and safety, risks and hazards identification, plant isolation, quality, housekeeping and environmental requirements
 - maintenance schedules for stock preparation systems.

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>