



Australian Government

Assessment Requirements for PPMPUL201 Monitor and control pulping 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 pulping 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 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 pulping operations
- workplace environmental sustainability requirements and practices for pulping operations, including workplace biotechnological applications and processes and biomass-derived products
- purpose, features and operation of pulping plant, operating parameters and allowable variations
- operation and application of electronic and other control systems
- process stages and key control points for monitoring and controlling pulping operations
- purpose of, and processes for, sampling and testing product quality, plant and system operations
- quality requirements for different types of pulped product
- methods used to monitor pulping system operations against specified system parameters
- calibration requirements for test equipment used to test pulp quality
- standard operating procedures specific to pulping operations

- procedures for communicating, recording and reporting system operation, production outcomes, equipment faults and problems with environmental release.

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:
 - power and steam, hydraulic and electrical or pneumatic pulping system
 - woodchips, pulp or chemical materials
 - maintenance tools and equipment and consumables for pulping plant
 - testing and diagnostic equipment
 - personal protective equipment for operating pulping plant
 - proforma or recording system for recording system operation, production outcomes and environmental releases
- specifications:
 - workplace and standard operating procedures relating to pulping operations, including health and safety, risks and hazards identification, plant isolation, quality, housekeeping and environmental requirements
 - maintenance schedules for pulping plant.

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>