



Australian Government

Assessment Requirements for PPMPUL210 Monitor and control pulping operations

Release: 2

Assessment Requirements for PPMPUL210 Monitor and control pulping operations

Modification History

Release	Comments
Release 2	This version released with PPM Pulp and Paper Manufacturing Training Package Version 2.0.
Release 1	This version released with PPM Pulp and Paper Manufacturing Training Package Version 1.0.

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:

- monitored and controlled pulping operations at least twice in line with required enterprise intervals, and with individual production requirements for each period
- completed routine maintenance on equipment across operational periods
- completed records for system operation, production outcomes and equipment faults for each of the above operational periods.

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:

- organisational procedures relevant to workplace health and safety with particular emphasis on:
 - use of personal protective equipment (PPE)
 - 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
 - plant permit systems and processes
 - high risk load shifting licensing requirements where relevant
 - major hazard facility licensing requirements where relevant
- system layout for pulping plant

- 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 including:
 - bleached or unbleached pulp
 - fluff pulp
 - crumbed pulp
 - baled, rolled or sheet pulp
 - slushed pulp
- methods used to monitor pulping system operations against specified system parameters
- effect of process adjustments on product quality and productivity during monitoring and operation
- causes and effects of process variation between upstream and downstream customers
- calibration requirements for test equipment
- organisational procedures:
 - standard operating procedures specific to pulping operations
 - communication reporting lines
 - recording and reporting system operation, production outcomes, equipment faults and problems with environmental release.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace or a productive environment that accurately reflects performance in a workplace
- resources, equipment and materials:
 - fully automated, semi-automated, manually operated plant and equipment appropriate to pulping operations and related consumables
 - pulping systems (at least one of the following) - power and steam systems, hydraulic and electrical systems, pneumatic systems
 - consumable materials (at least one of the following) - woodchips, pulp, chemicals
 - maintenance tools and equipment and consumables for pulping plant
 - PPE suitable for operating pulping plant
- specifications:
 - maintenance schedules for pulping plant
 - template documents for recording system operation, production outcomes and environmental releases
 - organisational workplace health and safety and standard operating procedures.

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.education.gov.au/Pages/TrainingDocs.aspx?q=12998f8d-d0ac-40bc-a69e-72a600d4fd93>