Australian Government

Assessment Requirements for PPMWEO210 Monitor and control wet end operations

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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 wet end operations in a pulp and paper manufacturing facility, at least twice in line with required enterprise intervals and individual production requirements for each period
- completed routine maintenance on equipment and product grade changes 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 requirements where relevant

- system layout for wet end plant
- purpose, features and operation of wet end system plant, operating parameters and allowable variations
- operation and application of electronic and other control systems
- key features of processes involved coordinating grade changes
- purpose of, 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 grades for wet end product and applicable terminology
- types of raw materials used to produce wet end product and how they influence paper properties
- organisational procedures:
  - standard operating procedures (SOP) specific to wet end operations
  - communication reporting lines
  - recording and reporting system operation, production outcomes and equipment faults.

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:
  - access to the full range of tools and equipment involved in integrated continuous manufacturing of wet end operations in a pulp or paper manufacturing facility
  - fully automated, semi-automated, manually operated plant and equipment appropriate to the wet end process and related consumables
  - PPE required for monitoring and controlling wet end operations
  - test and diagnostic equipment
  - electronic control systems which includes digital control system, touch screens or robotics
- specifications:
  - sample workplace documentation relevant to wet end systems regarding workplace health and safety procedures, risks and hazards identification procedures, environmental and safe working requirements/practices, SOP and housekeeping requirements.

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