



Australian Government

Assessment Requirements for PPMWEO320 Prepare and start up wet end operations

Release: 2

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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:

- prepared and started up wet end operations, at least twice in line with required enterprise intervals
- identified and actioned planned production requirements and followed workplace documentation and procedures
- undertaken inspections and pre-startup checks and confirming that materials, supplies, equipment and personnel are available
- activated startup systems and operations
- monitored and adjusted systems, through inspections and rectifying variations from specifications
- used and interpreted electronic control systems, including digital control system, touch screens or robotics to control equipment and processes during operations
- reported on operational data
- communicated effectively, through written and verbal means, in the work area.

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
- documentation and procedures relevant to wet end operations in the pulp and paper industry including:
 - standard operating procedures (SOP) and housekeeping
 - production instructions, productivity requirements and quality procedures
 - environmental sustainability requirements and practices
 - machinery and plant manufacturing operating manuals
 - enterprise policies and procedures
 - safety data sheets
 - maintenance logs, job sheets
 - site agreements
 - confined space requirements
 - site policy and procedures
 - maintenance logs, job sheets and operating logs
 - systems relating to wet end operations
- hazards and risks including:
 - steam and/or gas leaks
 - fires
 - nip points
 - compressed air
 - hot surfaces electrical
 - entanglement
 - vehicle movement
 - slip hazards and falls
 - energy
 - pressures
 - chemicals
 - fumes
 - dust
 - confined spaces, and how to address them
- key features of systems in wet end operations including:
 - stock approach systems
 - forming system
 - pressing systems
 - cleaning and screening systems
- appropriate materials and supplies and their uses in wet end operations including:

- water
- air
- stock
- chemicals
- additives
- steam
- machine clothing
- baled pulp
- wet end plant, processes, and layout and associated services sufficient to carry out startup activities.

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 equipment involved in integrated continuous manufacturing for starting up wet end operations in a pulp or paper manufacturing facility
 - PPE required for starting up wet end operations
- specifications:
 - details of production requirements to plan system operations
 - template operating log for recording startup processes, operational and product quality data
 - sample workplace documentation, procedures and reports including SOP, environmental sustainability requirements or practices, plant manufacturing operating manuals, oil or chemical spills and disposal guidelines, plant isolation documentation, safe work documentation
 - organisational workplace health and safety and SOP for starting up wet end operations.

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>