



Australian Government

Assessment Requirements for PPMDEO320 Prepare and start up dry 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 evidence that the individual has:

- prepared and started up dry end operations, at least twice in line with required enterprise intervals
- identified and actioned problems within level of responsibility
- identified and monitored process control points
- planned and organised startups
- monitored and adjusted systems to rectify variations from specifications
- used and interpreted electronic control systems, including digital control system (DCS), touch screens or robotics to control equipment and processes during operations
- reported on operational data
- communicated effectively, through written and verbal means, and working safely with others, in the work area when undertaking dry end operations.

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
- documentation and procedures relevant to dry end operations in the pulp and paper industry including:
 - standard operating procedures (SOP)
 - production needs including output targets, production scheduling quality requirements, resources and energy use, waste minimisation
 - quality procedures
 - environmental sustainability requirements/practices
 - machinery and plant manufacturing operating manuals
 - enterprise policies and procedures
 - safety data sheets
 - plant isolation documentation
 - maintenance logs
 - job sheets
 - site agreements
 - process and instrument diagrams
 - machine manuals
 - troubleshooting guides
 - incident reports
- materials and their uses in dry end operations including:
 - chemicals
 - compressed air
 - water
 - electricity
 - gas
 - steam
 - additives
 - machine clothing
 - ropes and belts
- dry end operations including:
 - drying processes
 - reeling operations
 - chemical additive system
 - monitoring systems
 - sheet treatment processes
 - tail feed systems
 - broke system
 - on-line coating systems

- calendering systems
- vacuum systems
- laser systems
- slitter systems
- sheet transfer systems
- accumulator
- cleaning showers
- dry end plant, processes, layout and associated services sufficient to carry out startup activities
- electronic and other control systems, operation and application to make appropriate adjustments that control the dry end.

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 of dry end operations in a pulp or paper manufacturing facility
 - electronic control systems which includes DCS, touch screens or robotics required to start up dry end systems
 - PPE required for operating dry end systems
- specifications:
 - applicable workplace health and safety and isolation work place procedures, environmental guidelines and safe working requirements, risks and hazard identification and workplace housekeeping requirements
 - sample workplace documentation, procedures and reports relevant to dry end operations including SOP, quality procedures, environmental sustainability requirements/practices, plant manufacturing operating manuals, enterprise policies and procedures, oil or chemical spills and disposal guidelines, plant isolation documentation, safe work documentation.

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>