



Australian Government

Assessment Requirements for PPMCPP320 Prepare and start up coated paper processes

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 of this unit. There must be evidence that the individual has:

- prepared and started up coated paper processes, at least twice in line with required enterprise intervals, for at least one of the following systems:
 - tail feed systems
 - chemical and material batching
 - laminating and coating
 - splicing
 - clay plant operation
 - calender
 - pre-reeler operations
 - super calendering
 - rewinding
 - drying systems
 - combine rollers
- determined coating production requirements
- conducted checks to ensure availability of sheet, coating chemicals and electrical power
- conducted checks to ensure space availability for coated sheet
- ensured isolations are removed according to standard operating procedures (SOP)
- conducted pre-startup checks of plant and equipment including instrumentation
- input operational settings in preparation for startup in according to SOP
- activated and confirm operation of coating system according to SOP
- taken samples, conducted tests on product post startup and interpret and record results
- made process control adjustments to stabilise production and ensure product quality
- conducted routine maintenance checks on equipment.

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
- information provided on the production specification sheet
- coated paper processes, system layout and associated services sufficient to carry out startup activities
- interaction requirements within the coating area members and with the area's suppliers and customers
- cause and effect of operational equipment faults
- sampling and testing process for plant and system operations and process monitoring - purpose, standards and procedures as per site agreements
- purpose of each of the steps in the preparation of the coating system for production
- purpose of each component of the coating system
- purpose and location of the coating chemical supply system
- critical control points of the preparation for startup procedure
- purpose of the process controls and how changes affect the production variables
- critical control points of the startup procedure
- critical control points of the monitoring process during startup
- electronic and other control systems, operation and application to make appropriate adjustments that control coated paper processes.

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 coated paper process operations in a pulp or paper manufacturing facility
- fully automated, semi-automated, manually operated plant and equipment appropriate to coated paper process operation and related consumables
- PPE required for coated paper system operations
- equipment, machinery and resources to prepare and start up coated paper systems
- electronic screens and alarms, process control systems, analogue and digital instrumentation for coated paper processes
- specifications:
 - sample workplace documentation on 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>