



Australian Government

Assessment Requirements for PPMFCO210 Monitor, control and shutdown finishing and converting 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:

- identified and responded to shutdown causes, at least twice in line with required enterprise intervals
- coordinated and planned shutdown activity, at least twice in line with required enterprise intervals
- responded to problems associated with plant shutdown and unplanned shutdown to ensure safety, quality and production requirements
- identified and monitored process control points
- implemented isolation or lockout procedures
- monitored and recorded production and quality information at required intervals
- used electronic and other control systems to control equipment and processes
- responded to production needs including:
 - output targets
 - production scheduling
 - shift requirements
 - quality requirements
 - resources and energy use
 - waste minimisation.

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
- finishing and converting operations including:
 - winding and re-winding
 - decorating
 - lotionising
 - calendering
 - water marking
 - perforating
 - slitting and cutting
 - embossing
 - laminating
 - folding
 - printing
 - bonding
 - core making
 - wrapping
 - packing
- finishing and converting processes, layout and associated services sufficient to monitor, control and shut down finishing and converting operations within level of responsibility
- types, causes and effects of finishing and converting plant shutdowns
- required responses to all unplanned shutdowns including:
 - power outage
 - mechanical breakdown
 - blockages
 - jamming
 - air supply
 - control system failure, to ensure safety quality and productivity
- process and procedures for plant shutdowns and unplanned shutdowns
- plant and machinery functions and operations

- sampling and testing process for plant and system operations, and process monitoring - including purpose, standards and procedures as per site agreements
- finishing and converting equipment and auxiliary systems
- equipment setup procedures and adjustments
- product types and quality requirements
- designated areas for waste.

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 and materials involved in integrated continuous manufacturing of finishing and converting operations in a pulp or paper manufacturing facility
 - electronic control systems which includes portable control devices, touch screens or robotics to control equipment and processes during shutdown operations
 - fully automated, semi-automated, manually operated plant and equipment appropriate to finishing and converting operations
 - test and diagnostic and cleaning equipment
 - PPE required when operating finishing and converting systems
- specifications:
 - access to the full range of equipment and materials involved in integrated continuous manufacturing of finishing and converting operations in a pulp or paper manufacturing facility
 - electronic control systems which includes portable control devices, touch screens or robotics to control equipment and processes during shutdown operations
 - relevant sample workplace documentation, procedures and reports including standard operating procedures, quality procedures, environmental sustainability requirements/practices, plant manufacturing operating manuals, plant isolation documentation, and 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>