



Australian Government

Assessment Requirements for PPMPUL330 Coordinate and implement pulping plant shutdowns

Release: 2

Assessment Requirements for PPMPUL330 Coordinate and implement pulping plant shutdowns

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:

- coordinated and implemented shutdowns at least twice in line with required enterprise intervals, for at least one of the following areas:
 - bleaching plant operations
 - refining
 - chip preparation
 - cleaning or washing systems
 - chemical preparation and treatment
 - pulp lapping production
 - digester operations
- responded to unplanned shutdowns
- operated control systems to shut down and isolate equipment and processes
- located and rectified problems associated with shutdowns to ensure safety quality and productivity
- recorded and reported shutdown information verbally and in writing
- demonstrated safe use and handling of chemicals and materials when implementing pulping plant shutdowns.

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
- pulping plant, processes, layout and associated services to carry out planned shutdown activities within level of responsibility
- reasons for planned or scheduled pulping plant shutdowns
- causes of unplanned shutdowns including:
 - power outage
 - mechanical breakdown
 - blockages
 - jamming
 - air supply
 - control system failure
- required responses to unplanned shutdowns to ensure safety, quality and productivity
- productivity considerations including:
 - waste minimisation
 - delay minimisation
 - chemical recovery maximisation
 - line speed
 - handovers
 - quality checks
 - output targets
- workplace process and procedures for plant shutdowns and unplanned shutdowns
- pulping plant and machinery functions and operations
- workplace emergency procedures and responses relevant to pulping plants
- process control operations related to planned and unplanned shutdowns.

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 chemicals and equipment required to coordinate and implement the shutdown of pulping operations in a pulp or paper manufacturing facility
- test and diagnostic equipment
- PPE required for implementing pulping plant shutdowns
- specifications:
 - template documents for recording shutdown information.

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>