



Australian Government

Assessment Requirements for PPMSPR330

Coordinate and implement stock preparation system shutdown

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:

- coordinated and implemented stock preparation system shutdowns, at least twice in line with required enterprise intervals
- planned and safely diagnosed causes and sources of stock preparation system shutdown
- responded to problems associated with plant shutdown and unplanned shutdown to ensure safety, quality and productivity
- undertaken corrective action on equipment and system faults
- communicated effectively, through written and verbal means, the corrective actions undertaken
- used safety accessories including protective and high visibility safety clothing and electronic communication equipment during system 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
- the types, causes and effects of stock preparation system shutdowns
- relevant documentation, regulations and procedures to coordinate and implement stock preparation system shutdowns, in the pulp and paper industry including:
 - standard operating procedures (SOP) and housekeeping
 - site policy and procedures
 - environmental sustainability requirements/practices
 - plant manufacturing operating manuals
 - confined space requirements
 - vendor documentation
 - reference manual and grade specifications
 - productivity requirements and quality procedures
 - emergency procedures and responses
 - enterprise policies and procedures and guidelines
 - production instructions and plant isolation documentation
 - maintenance logs, job sheets and operating logs
 - safety data sheets
- the functions and operations of plant and machinery related to stock preparation systems including:
 - refiners
 - pumps
 - valves
 - chests
 - agitators
 - pulpers
 - screens
 - cleaners
 - showers
 - disc deckers
 - consistency controllers
 - screw press
 - water recovery equipment
 - computer systems
 - electronic screens and alarms
 - process control systems
 - fully automated, semi-automated, manually operated plant and equipment appropriate to stock preparation systems
- implications of hazards and risks involved in stock preparation including:
 - steam and/or gas leaks

- fires
- nip points
- compressed air
- hot surfaces
- electrical
- entanglement
- slip hazards/falls
- energy
- pressures
- chemicals
- fumes
- confined spaces
- dust
- key features of stock preparation plant, processes, layout and associated services sufficient to carry out shutdown activities within level of responsibility
- materials and supplies used in stock preparation systems including:
 - water
 - stock
 - compressed air
 - chemicals
 - additives
 - steam
 - baled pulp
- required responses to all unplanned shutdowns (power outage, mechanical breakdown, blockages, jamming, air supply, control system failure) to ensure safety, quality and productivity
- maintenance systems including:
 - operator level maintenance as per site agreements
 - operator maintenance schedules
 - maintenance suppliers
 - pro-active maintenance strategies
- the operation and application of electronic and other control systems that control the stock preparation systems, within level of responsibility.

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 stock preparation systems in a pulp or paper manufacturing facility
- PPE suitable for shutting down stock preparation systems
- specifications:
 - template documents for recording system and product faults, diagnostic and corrective action processes
 - sample workplace documentation, procedures and reports 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>