Assessment Requirements for PPMWPO330 Coordinate and implement waste paper shutdown

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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 waste paper shutdowns, at least twice in line with required enterprise intervals
- planned and safely diagnosed causes and sources of waste paper shutdowns
- responded to problems associated with planned and unplanned shutdowns to ensure safety, quality and productivity
- undertaken corrective action on waste paper 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 waste paper planned and unplanned shutdowns
- relevant documentation, regulations and procedures to coordinate and implement waste paper 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
  - furnish sheets and tally sheets
  - productivity requirements and quality procedures
  - enterprise policies and procedures and guidelines
  - production instructions and plant isolation documentation
  - maintenance logs, job sheets and operating logs
  - safety data sheets
  - process and instrument diagrams
- implications and responses to hazards and risks involved in waste paper operations including:
  - steam and/or gas leaks
  - compressed air
  - electrical
  - entanglement
  - slip hazards and/or falls
  - energy
  - chemicals
  - fumes
  - dust
- key features of waste paper plant, processes, layout and associated services sufficient to carry out shutdown activities
- materials and supplies used in waste paper operations including:
  - water
  - air
  - chemicals
  - broke
  - steam
  - electricity
- required responses to all unplanned shutdowns including:
  - power outage
  - mechanical breakdown
  - blockages

- jamming
- air supply
- control system failure
- 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, which control the waste paper operations
- productivity requirements including:
  - energy efficiency
  - waste minimisation
  - evaporation minimisation, including landfill and waste water reduction
  - consideration of resource utilisation, including fibre efficiency
  - minimising delays
  - chemical recovery maximization
  - line speed
  - handovers
  - quality checks
- waste paper operations including:
  - pulping
  - screening
  - de-watering
  - reject systems
- use of equipment in waste paper operations.

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 waste paper operational shutdown in a pulp or paper manufacturing facility
  - PPE required for shutting down waste paper operations
- specifications:

- 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, emergency procedures and safe working 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