Assessment Requirements for PPMPUL401 Troubleshoot and rectify pulping processes

Release: 1

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Modification History

Release	Comments
Release 1	This version released with PPM Pulp and Paper Manufacturing Training Package Version 3.0.

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 carried out troubleshooting and rectification activities for pulping processes on at least two occasions according to operational requirements, including for each occasion:

- selected and used appropriate troubleshooting and testing methods to identify system and product quality faults
- diagnosed causes and sources of faults on system and associated processes
- identified and taken timely corrective action to rectify and maximise safety, quality and productivity
- communicated effectively and worked safely with others when undertaking troubleshooting and rectification activities
- completed accurate detailed records for system and product faults, diagnostic and corrective action processes on completion of fault rectification activity.

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:

- workplace and legislative health and safety requirements and risk measures relevant to operating, troubleshooting and rectifying pulping operations, including emergency procedures, handling chemical and hazardous substances, high risk load shifting, licensing requirements, plant clearance and permit systems
- relevant workplace and legislative environmental sustainability requirements and practices for pulping operations, including workplace biotechnological applications and processes considerations for troubleshooting and rectification activities
- manufacturer specifications and operating procedures for pulping plant and equipment, including shutdown and isolation procedures
- pulping plant, processes and associated services sufficient to troubleshoot, including:

- plant layout
- operating principles
- causes and effects of adjustments made to pulping plant and processes
- maintenance system as it applies to pulping operations
- purpose, standards and procedures used for troubleshooting across the system, including routine physical inspections and sampling and testing for quality checks
- causes and effects of unplanned shutdown, and appropriate responses
- electronic and other control systems, operation and application to make appropriate adjustments that control pulping operations.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
    - skills must be demonstrated in a pulp and/or paper manufacturing facility or an environment that accurately represents workplace conditions
- resources, equipment and materials:
    - tools, equipment and resources used to troubleshoot and rectify faults in pulping operations
    - electronic control systems that include portable, touch screens or robotics
    - personal protective equipment required for troubleshooting and operating pulping processes and systems
- specifications:
    - workplace and standard operating procedures relating to troubleshooting and rectifying pulping operations, including health and safety, environmental, risks and hazards identification, plant isolation and quality requirements
    - manufacturer specifications and operating procedures
- relationships:
    - relevant personnel for the purposes of communicating 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.gov.au/Pages/TrainingDocs.aspx?q=12998f8d-d0ac-40bc-a69e-72a600d4fd93