



**Australian Government**

# **Assessment Requirements for PPMPUL440 Troubleshoot and rectify pulping processes**

**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 rectified faults in plant, equipment and product quality, at least twice in line with required enterprise intervals, relevant to pulping processes
- followed safe working practices when troubleshooting and rectifying pulping processes
- selected and used appropriate troubleshooting methods in pulping processes
- used and interpreted electronic control systems, including digital control system, touch screens or robotics to control equipment and processes as required during troubleshooting
- communicated effectively by verbal and written means and work safely with others in the work area when rectifying pulping processes.

## 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 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
- troubleshooting methods that can be applied across system and problem faults in pulping operations
- causes and effects of unplanned shutdown and appropriate responses
- operating overhead cranes
- electronic and other control systems, operation and application to make appropriate adjustments that control pulping 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 tools, equipment and resources require to identify and rectify faults in pulping operations in a pulp or paper manufacturing facility
  - electronic control systems which including portable, touch screens or robotics
  - PPE required for troubleshooting and operating pulping processes and systems
- specifications:
  - sample workplace documentation on workplace health and safety procedures, risks and hazards identification procedures, environmental and safe working requirements/practices, standard operating procedures and housekeeping 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>