



Australian Government

Assessment Requirements for PPMREC440 Troubleshoot and rectify chemical recovery operations

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 followed safe working practices when troubleshooting and rectifying chemical recovery operations, at least twice in line with required enterprise intervals, including:

- monitored chemical processes and plant operations
- identified causes and effects of faults and corrective action on associated processes
- identified and rectified faults in processes and plant, relevant to chemical recovery operations
- undertaken timely corrective action to maximise safety, quality and productivity
- used and interpreted electronic control systems, including digital control system, touch screens or robotics to control equipment and processes as required during operations
- communicated effectively and worked safely with others, in the work area when undertaking troubleshooting and rectification of chemical recovery operations.

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
- chemical recovery plant, processes, layout and associated services to carry out shutdown activities, within level of responsibility
- chemical recovery processes and associated services sufficient to monitor and control operations
- electronic and other control systems, operation and application to make appropriate adjustments that control the chemical recovery operations 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 chemicals and equipment required to troubleshoot and rectify chemical recovery operations in a pulp or paper manufacturing facility
 - PPE required for operating chemical recovery systems
 - pumps and transfer equipment
 - mechanical, hydraulic and electrical systems
 - process monitoring and management equipment.

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>