



Australian Government

PPMREC201 Monitor and control chemical recovery operations

Release: 1

PPMREC201 Monitor and control chemical recovery operations

Modification History

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

Application

This unit of competency describes the skills and knowledge required to identify, monitor, control and report on chemical recovery processes and operations.

The unit applies to production support operators who assist in the chemical recovery operations of a pulp and/or paper manufacturing facility, undertaking routine work in monitoring, identifying and solving predictable problems that occur with integrated equipment and continuous operations.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Chemical Recovery Operations (REC)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to monitor chemical recovery operations	1.1 Check production requirements at start of shift and plan work activities according to workplace health and safety, environmental and standard operating procedures 1.2 Identify health and safety hazards and report safety concerns 1.3 Select and fit personal protective equipment according to safety requirements 1.4 Check tools and equipment are operational, and supplies are

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	available
2. Monitor and control processes	<p>2.1 Confirm operational status of chemical recovery processes by inspection, observations and other information</p> <p>2.2 Monitor and control supplies of chemicals and supply systems to ensure availability and suitability</p> <p>2.3 Conduct chemical recovery sampling and testing to ensure production requirements are maintained</p> <p>2.4 Monitor and control production and by-product storage</p> <p>2.5 Monitor and control process variables to ensure efficient operation</p> <p>2.6 Carry out operator level preventative maintenance schedules according to operating procedures</p> <p>2.7 Monitor and control discharges according to production requirements</p>
3. Monitor and maintain plant	<p>3.1 Identify routine process problems and equipment faults, and rectify according to operating procedures</p> <p>3.2 Undertake plant inspections to optimise plant performance</p> <p>3.3 Adjust processes and equipment according to production and quality schedules and environmental requirements</p>
4. Record and document performance data	<p>4.1 Interpret and enter process and plant data into recording system</p> <p>4.2 Communicate problems or variations with systems and environmental releases to relevant personnel</p>

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	<ul style="list-style-type: none"> Interpret information in specifications, workplace procedures and maintenance schedules
Writing	<ul style="list-style-type: none"> Complete accurate basic records in the required format

Skill	Description
Oral communication	<ul style="list-style-type: none"> Provide information about problems or variations with process and equipment using clear language and industry terminology
Numeracy	<ul style="list-style-type: none"> Interpret instruments, gauges and data recording equipment Use measuring equipment to measure and calculate quantities Record basic numerical data for test results and production outcomes

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
PPMREC201 Monitor and control chemical recovery operations	PPMREC210 Monitor and control chemical recovery operations	<p>Element added</p> <p>Changes to performance criteria, foundation skills, performance evidence and knowledge evidence</p> <p>Assessment conditions updated</p>	Not equivalent

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=12998f8d-d0ac-40bc-a69e-72a600d4fd93>