



Australian Government

PPMREC210 Monitor and control chemical recovery operations

Release: 2

PPMREC210 Monitor and control chemical recovery operations

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.

Application

This unit of competency describes the skills and knowledge required to identify, monitor, control and report on chemical recovery processes and operations, in a pulp or paper manufacturing facility.

The unit applies to production support operators who monitor and control chemical recovery processes and operations. This typically involves working in a facility with complex 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. Monitor and control processes	1.1 Check production requirements at the start of the shift, and plan to carry out tasks in line with relevant workplace health and safety procedures, risks and hazards identification and environmental

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	<p>workplace procedures</p> <p>1.2 Confirm operational status of chemical recovery processes by inspection, observations and other information</p> <p>1.3 Monitor and control supplies of chemicals and supply systems to ensure availability and suitability</p> <p>1.4 Conduct chemical recovery sampling and testing</p> <p>1.5 Monitor and control production and by-product storage</p> <p>1.6 Monitor and control process variables to ensure efficient operation</p> <p>1.7 Carry out operator level preventative maintenance schedules, according to organisational procedures</p> <p>1.8 Monitor and control discharges</p> <p>1.9 Select, fit, use and maintain personal protective equipment according to job requirements and task to be undertaken</p>
2. Monitor and maintain plant	<p>2.1 Identify process problems and equipment faults and rectify within level of responsibility</p> <p>2.2 Undertake plant inspections to optimise plant performance</p> <p>2.3 Adjust processes and equipment to optimise production and quality schedules and to comply with environmental licences</p>
3. Record and document performance data	<p>3.1 Interpret and record process and plant data.</p> <p>3.2 Report process problems and equipment faults</p> <p>3.3 Communicate problems or variations with systems or product to relevant personnel</p> <p>3.4 Document hazardous conditions and communicate to relevant personnel</p> <p>3.5 Record and report problems with environmental releases according to organisational procedures</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 specifications, procedure manuals and test results.
Writing	<ul style="list-style-type: none"> Record and report test results and rectifications accurately and legibly using correct technical vocabulary
Oral communication	<ul style="list-style-type: none"> Select and use appropriate spoken communication strategies with work colleagues and other personnel on site when monitoring chemical recovery operations
Numeracy	<ul style="list-style-type: none"> Interpret instruments, gauges and data recording equipment Use measuring equipment
Navigate the world of work	<ul style="list-style-type: none"> Access, navigate and enter computer based information Use electronic and other control systems to control equipment and processes and make appropriate adjustments for chemical recovery operations
Get the work done	<ul style="list-style-type: none"> Maintain situational awareness in the work area Analyse and use sensory information to adjust process to maintain safety, quality and productivity

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
PPMREC210 Monitor and control chemical recovery operations Release 2	PPMREC210 Monitor and control chemical recovery operations Release 1	Performance criteria added, minor changes to knowledge evidence	Equivalent Unit

Links

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