



Australian Government

PPMPRS210 Identify and rectify problems in the workplace

Release: 1

PPMPRS210 Identify and rectify problems in the workplace

Modification History

Release	Comment
1	Replaces equivalent unit FPPPRS210A Identify and rectify problems in the workplace, which was first released with FPP10 Pulp and Paper Manufacturing Industry Training Package Version 1.0. This is the first release of this unit in the new standards format

Application

This unit of competency describes the outcomes required to identify and rectify workplace problems in a pulp or paper manufacturing facility. This work typically involves complex integrated equipment and continuous operations.

This unit applies to production support operators and technicians who identify and analyse causes of problems, apply solutions on a priority basis and document these activities.

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

Pre-requisite Unit

Nil

Unit Sector

Pulp and Paper Manufacturing

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.
1. Identify and describe the problem and its effects	1.1. Identify indicators of fault, defect or problem. 1.2. Identify problem and possible causes. 1.3. Describe problem clearly. 1.4. Determine the effect on personal safety, equipment safety,

ELEMENTS	PERFORMANCE CRITERIA
	quality and productivity. 1.5. Institute mill procedures where personal safety is identified.
2. Analyse the problem and determine priority of causes	2.1. Determine impact of the problem on machinery performance. 2.2. Consider likelihood of each possible cause occurring. 2.3. Determine own ability to do a quick check on each cause. 2.4. Prioritise possible causes for investigation.
3. Apply possible solutions and review outcomes	3.1. Conduct quick checks if possible. 3.2. Apply possible solutions. 3.3. Review outcome. 3.4. Action next possible solution in prioritised order.
4. Document and report problems and solutions	4.1. Record and report problem and solution according to workplace standard operating procedures. 4.2. Report problem and solution to relevant personal.

Foundation Skills

This section describes those core and employment skills that are essential to performance and are not explicit in the performance criteria

Numeracy skills to:	• undertake necessary calculations to aid troubleshooting • interpret instruments, gauges and data recording equipment.
Oral communication skills to:	• report problems verbally using radio, telephone or face to face.
Communication skills to:	• respond to non-verbal signals including hand signals and gestures.
Reading skills to:	• interpret standard operating procedures (SOP) and mill procedures • identify, access and interpret historical and operational data and information relevant to identifying and solving problem
Writing skills to:	• record and report identified problem and action taken.

Range of Conditions

Not Applicable

Unit Mapping Information

FPPPRS210A Identify and rectify problems in the workplace

Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.gov.au/Pages/TrainingPackages.aspx/Pages/Home.aspx>

Assessment Requirements for PPMPRS210 Identify and rectify problems in the workplace

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1	Replaces equivalent unit FPPPRS210A Identify and rectify problems in the workplace, which was first released with FPP10 Pulp and Paper Manufacturing Industry Training Package Version 1.0. This is the first release of this unit in the new standards format. Assessment requirements now specify the performance and knowledge evidence, as well as assessment conditions for this unit of competency. These sections simplify and replace components used in the previous unit format, including 'Required Skills and Knowledge, Evidence Guide and Range Statement'

Performance Evidence

A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit, and must be able to provide evidence that they can:

- apply problem solving skills and knowledge on the job, including identifying and rectifying problems, for at least two of the following operations:
 - handling and preparing primary resources
 - coating systems
 - steam generation
 - electrical power generation
 - handling and preparing waste paper for pulp production
 - waste paper operations
 - pulping operations
 - chemical recovery operations
 - finishing and converting
 - stock preparation operations
 - wet end operations
 - dry end operations
 - water services
- identify process, quality and equipment faults/problems, at least twice in line with required enterprise intervals, during the production process
- identify indicators, causes and effects of faults
- take timely corrective action to maximise safety, quality and productivity
- use standard procedural steps to identify and rectify problems

- use equipment control systems to check and adjust processes.

Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- system operations, processes and associated services, including the following:
 - plant layout
 - principles of operation
 - causes and effects of adjustments made to equipment and processes
 - fault indications
 - relationships between system, processes and associated services
 - effects of process variables on production and quality
- sampling and testing for plant and system operations and process monitoring
- site-specific WHS, requirements/practices, SOPs, isolation procedures, safe working requirements, risks and hazard identification and housekeeping
- electronic and other control systems, operation and application to make appropriate adjustments.

Assessment Conditions

The following resources must be made available

- access is to a full range of equipment relevant to identifying and rectifying problems in a pulp or paper manufacturing facility, including workplace procedures and associated documents
- personal protective equipment required to be worn when working in a pulp and paper manufacturing facility
- standard operating and fault finding documentation
- communication equipment and two-way radios
- recording/reporting proformas
- relevant personnel for the purposes of communicating information

Competency is to be assessed in the workplace or in a productive environment that accurately reflects performance in a workplace.

Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.

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