



Australian Government

PPMPRV210 Operate ancillary equipment

Release: 1

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Modification History

Release	Comment
1	Replaces superseded equivalent FPPPRV210A Operate ancillary equipment, which was first released with FPP10 Pulp and Paper Manufacturing Industry Training Package Version 1.0.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 operate ancillary stand-alone items of equipment which support production operations. The ancillary equipment may be remote from the main production unit or machine, in close proximity or attached but not a part of the main operating production unit or machine. Ancillary equipment can be complex and non-complex equipment which may either operate continuously or intermittently.

The unit applies to production operators and technicians who work in a pulp and paper manufacturing facility who require different skills and knowledge to the operators of the main production unit or machine.

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. Start up ancillary equipment	1.1. Check production requirements at start of shift and plan daily work activities in line with organisational safety and standard

ELEMENTS	PERFORMANCE CRITERIA
	operating procedures. 1.2. Remove isolations and prepare ancillary equipment for startup. 1.3. Start up ancillary equipment and confirm operational settings to required specification
2. Monitor and control ancillary equipment	2.1. Monitor ancillary equipment to ensure operations are within parameters. 2.2. Identify, rectify or report routine variations from specification. 2.3. Complete routine preventative maintenance in line with maintenance schedules.
3. Shut down ancillary equipment	3.1. Use maintenance schedules or work area instructions to co-ordinate planned shutdown of ancillary equipment. 3.2. Follow organisational safety and standard operating procedures to initiate appropriate isolations and shut down equipment as planned. 3.3. Respond to unplanned shutdown immediately. 3.4. Initiate appropriate isolations, identify and locate cause of unplanned shutdown. 3.5. Assess effects of unplanned shutdown to determine impact on operations. 3.6. Rectify equipment and restart or report to relevant personnel for restart action.
4. Record and report equipment and process data	4.1. Interpret equipment and process data and enter into recording system. 4.2. Communicate problems or variations with equipment or process to relevant personnel.

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:	- interpret basic numerical settings on instruments, gauges and data recording equipment - record basic numerical data for equipment and processes.
Oral communication skills to:	provide clear basic information about problems or variations with equipment and process.

Reading skills to:	• interpret: • workplace health and safety and standard operating procedures • maintenance schedules and work area instructions.
Writing skills to:	• complete accurate basic records for processes, equipment startup, shutdown and problems.
Problem-solving skills to:	• use and assess sensory information (sight, sound, touch, smell, vibration, temperature) to respond to equipment faults.

Range of Conditions

Not Applicable

Unit Mapping Information

FPPPRV210A Operate ancillary equipment

Links

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

Assessment Requirements for PPMPRV210 Operate ancillary equipment

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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:

- operate ancillary equipment within a pulp and paper manufacturing facility, at least twice in line with required enterprise intervals, across different operational periods
- across operational periods, start up ancillary equipment and monitor that equipment to ensure operations are within parameters
- complete routine maintenance on ancillary equipment
- co-ordinate one planned shutdown of ancillary equipment
- complete accurate basic records for processes, equipment startup, shutdown and problems.

Knowledge Evidence

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

- system layout for ancillary equipment
- purpose, features and operation of ancillary equipment, operating parameters and allowable variations
- operation and application of electronic and other control systems
- stages involved in starting up ancillary equipment with particular emphasis on pre-startup safety checks
- methods used to monitor ancillary equipment operations against specified system parameters
- types, causes and effects of, and required emergency and other responses to, unplanned ancillary equipment shutdowns including:

- power outage
- mechanical breakdown
- blockages
- jamming
- air supply
- control system failure
- responses to unplanned or emergency shutdowns that are appropriate to the cause
- methods used to test ancillary equipment and diagnose faults
- organisational procedures:
 - standard operating procedures specific to operating ancillary equipment
 - workplace health and safety with particular emphasis on equipment lock out and use of personal protective equipment
 - communication reporting lines
 - recording and reporting processes, equipment startup, shutdown and problems.

Assessment Conditions

The following resources must be made available:

- fully automated, semi-automated, manually operated ancillary equipment including:
 - air compressor
 - air dryer
 - air make-up units
 - monitoring systems
 - air handling units
 - building ventilation systems
 - line dust collection systems
 - dust scrubber systems
 - heating, ventilating and air conditioning (HVAC) systems
- electronic screens and alarms
- process control systems
- maintenance tools and equipment for ancillary equipment
- personal protective equipment suitable for operating and maintaining ancillary equipment
- maintenance schedules for ancillary equipment
- relevant personnel for the purposes of communicating information
- template documents for recording processes, equipment startup, shutdown and problems
- organisational workplace health and safety and standard operating procedures for operating ancillary equipment.

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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