



Australian Government

Assessment Requirements for PPMPRV201 Operate ancillary equipment

Release: 1

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Modification History

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

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 started, operated and shut down at least one of the ancillary equipment to support a pulp and paper manufacturing operation for at least two operational intervals:

- 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.

In completing the above, there must also be evidence that the individual has for each interval:

- monitored that equipment to ensure operations are within system parameters
- responded appropriately to process variations and equipment start-up and shutdown faults
- completed routine maintenance on the equipment
- completed accurate basic records for equipment processes and problems.

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:

- 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 and conducting pre-start-up 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
- workplace procedures relevant to operating ancillary equipment:
 - standard operating procedures
 - workplace health and safety, including equipment lock-out and use of personal protective equipment
 - communication reporting lines
 - recording and reporting processes, equipment start-up, shutdown and problems.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a pulp and/or paper manufacturing facility or an environment that accurately reflects performance in a workplace
- resources, equipment and materials:
 - ancillary equipment as specified in performance evidence
 - electronic screens and alarms
 - process control systems
 - maintenance tools and equipment for ancillary equipment
 - personal protective equipment suitable for operating and maintaining ancillary equipment
 - proforma or recording system for recording equipment processes and faults
- specifications:
 - workplace and standard operating procedures relating to operating ancillary equipment, including health and safety, risks and hazards identification, plant isolation, quality, housekeeping and environmental requirements
 - maintenance schedules for ancillary 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.gov.au/Pages/TrainingDocs.aspx?q=12998f8d-d0ac-40bc-a69e-72a600d4fd93>