



Australian Government

Assessment Requirements for PPMPRM201 Undertake operator level preventative maintenance

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:

- completed at least two inspections for each of the following pulp and paper manufacturing equipment:
 - levels in sight glasses
 - belt fatigue
 - gear backlash
 - stretch and slack in chains
 - sprocket wear
 - gear box noise and heat
 - damaged equipment or components
 - control panel indicators
 - electronic control indicators
 - air and oil pressure gauges
 - flow levels
 - pressure checks
- completed one or more of the following basic non-specialist repairs and maintenance for each of pulp and paper manufacturing equipment listed above:
 - cleaning
 - oil top-ups
 - blade changes
 - filter changes or cleaning
 - greasing
 - lubricating
 - pressure checks

- removing and replacing machinery components
- maintaining or replacing consumables
- tightening, tensioning and adjusting machinery components
- completed accurate basic records for equipment faults, repair and maintenance actions taken for each equipment inspection.

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:

- purpose, features and operation of a range of pulp and paper manufacturing equipment to determine repair and maintenance requirements
- consequences of inadequate preventative maintenance
- methods used to test equipment and diagnose faults
- use of instrumentation data as an indication of plant and equipment requiring preventative maintenance
- basic non-specialist repair and maintenance techniques for pulp and paper manufacturing equipment, including:
 - oil top-ups
 - blade changes
 - filter changes or cleaning
 - greasing
 - lubricating
 - pressure checks
 - removing and replacing machinery components
 - maintaining or replacing consumables
- safe handling and disposal of lubricants
- workplace procedures relevant to preventative maintenance:
 - standard operating procedures
 - workplace health and safety with particular emphasis on equipment lock-out, use of personal protective equipment and handling hazardous substances
 - communication reporting lines
 - recording and reporting equipment faults, repair and maintenance actions.

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:

- pulp and paper manufacturing plant and equipment as specified in performance evidence
- repair and maintenance tools, equipment and consumables
- personal protective equipment suitable for repair and maintenance tasks
- proforma or recording system for recording equipment faults, repair and maintenance actions
- specifications:
 - workplace and standard operating procedures relating to preventative maintenance, including health and safety, risks and hazards identification, plant isolation, quality, housekeeping and environmental requirements
 - maintenance schedules for plant and 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>