



Australian Government

Assessment Requirements for PPMPRM210 Undertake operator level preventative maintenance

Release: 1

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Modification History

Release	Comment
1	<p>Replaces equivalent unit FPPPRM210A Undertake operator level preventative maintenance, 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.</p> <p>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'</p>

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:

- complete inspections on pulp and paper manufacturing equipment, at least twice in line with required enterprise intervals, including:
 - 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
- complete basic non-specialist repairs and maintenance for pulp and paper manufacturing equipment, at least twice in line with required enterprise intervals, in line with manufacturers' recommendations including:
 - 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
- after all inspection, repair and maintenance activities, complete accurate basic records of equipment faults, repair and maintenance actions.

Knowledge Evidence

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

- purpose, features and operation of a range of pulp and paper manufacturing equipment, at a level of understanding, 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 to complete:
 - 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
- organisational procedures:
 - standard operating procedures specific to inspecting, repairing and maintaining equipment
 - 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

The following resources must be made available:

- fully automated, semi-automated, manually operated pulp and paper manufacturing equipment to repair and maintain
- repair and maintenance tools and equipment
- personal protective equipment suitable for repairing and maintaining equipment
- consumable oil, lubricants, blades and filters
- maintenance schedules
- template documents for recording equipment faults, repair and maintenance actions
- organisational workplace health and safety and standard operating procedures for inspecting, repairing and maintaining equipment.
- 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.

Links

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