



**Australian Government**

# **Assessment Requirements for PPMWEO440 Troubleshoot and rectify wet end systems**

**Release: 1**

# Assessment Requirements for PPMWEO440 Troubleshoot and rectify wet end systems

## Modification History

Release	Comments
1	<p>Replaces equivalent unit FPPWEO440A Troubleshoot and rectify wet end systems, 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 of the ability to:

- demonstrate troubleshooting of systems and functions in wet end operations, at least twice in line with required enterprise intervals, for at least one of the following:
  - stock approach systems
  - forming system
  - pressing systems
  - cleaning and screening system
- identify causes and effects of faults and corrective action on associated processes
- select and use appropriate troubleshooting methods
- take timely corrective action to maximise safety, quality and productivity
- undertake calculations to aid troubleshooting
- take samples, conduct tests, interpret and record results
- use electronic and other control systems to control equipment and processes.

## Knowledge Evidence

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

- wet end plant, processes and associated services sufficient to troubleshoot including:
  - plant layout
  - theory of operation
  - causes and effects of adjustments made to wet end plant and processes
- relationships between wet end plant, processes and associated services
- troubleshooting methods that can be applied across system and problem faults in wet end systems
- sampling and testing process for plant and system operations, and process monitoring – purpose, standards and procedures as per site agreements use and handling requirements of chemicals used; their purpose, effects, Material Safety Data Sheets (MSDS) and Standard Operating Procedures (SOP)
- causes and effects of unplanned shutdown and appropriate responses
- mill maintenance system as it applies to wet end plant and processes
- electronic and other control systems, operation and application to make appropriate adjustments that control wet end operations.

## Assessment Conditions

The following resources must be made available:

- access to the full range of equipment involved in detecting system and problem faults of wet end operations in a pulp or paper manufacturing facility
- sample workplace documentation, procedures and reports including (SOP), quality procedures, environmental sustainability requirements/practices, plant manufacturing operating manuals and enterprise policies and procedures.
- fully automated, semi-automated, manually operated plant and equipment appropriate to the wet end process and related consumables
- personal protective equipment required for wet end operations
- relevant personnel for the purposes of communicating information
- test and diagnostic equipment including consistency and flow meters.

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>

