



Australian Government

Assessment Requirements for PPMDEO401 Troubleshoot and rectify dry end systems

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 carried out troubleshooting and rectification activities for dry end systems on at least two occasions according to operational requirements, including for each occasion:

- selected and used appropriate troubleshooting and testing methods to identify system and product quality faults
- diagnosed causes and sources of faults on system and associated processes
- identified and taken timely corrective action to rectify and maximise safety, quality and productivity
- communicated effectively and worked safely with others when undertaking troubleshooting and rectification activities
- completed accurate detailed records for system and product faults, diagnostic and corrective action processes on completion of fault rectification activity.

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:

- workplace and legislative health and safety requirements and risk measures relevant to operating, troubleshooting and rectifying dry end systems, including emergency procedures, handling chemical and hazardous substances, high risk load shifting, licensing requirements, plant clearance and permit systems
- environmental requirements relevant to dry end systems, including disposal procedures
- relevant workplace and legislative environmental sustainability requirements and practices for dry end operations, including workplace biotechnological applications and processes considerations for troubleshooting and rectification activities
- purpose, standards and procedures used for troubleshooting dry end systems, including routine physical inspections and sampling and testing for quality checks

- manufacturer specifications and operating procedures for dry end plant and equipment, including shutdown and isolation procedures
- dry end plant processes and associated services to troubleshoot, including:
 - plant layout
 - principles of operation
 - causes and effects of adjustments made to dry end systems
 - relationships between dry end systems and associated services
- cause and effect of unplanned shutdown, and appropriate responses
- maintenance system as it applies to dry end plant and processes
- electronic and other control systems, operation and application to make appropriate adjustments that control dry end systems.

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 paper manufacturing facility or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - tools, equipment and consumables used to troubleshoot and repair systems
 - electronic control systems that include digital control system, touch screens or robotics used in dry end systems
 - personal protective equipment required for inspecting, operating and rectifying faulty dry end systems
 - proforma or recording system for recording diagnostic and corrective action processes
- specifications:
 - workplace and standard operating procedures relating to troubleshooting and rectifying dry end operations, including health and safety, environmental, risks and hazards identification, plant isolation and quality requirements
 - manufacturer specifications and operating procedures
- relationships:
 - relevant personnel for the purposes of communicating information.

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>