



Australian Government

Assessment Requirements for PPMFCO401 Troubleshoot and rectify paper finishing and converting 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 paper finishing and converting 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 paper finishing and converting systems, including emergency procedures, handling chemical and hazardous substances, high risk load shifting, licensing requirements, plant clearance and permit systems
- relevant workplace and legislative environmental sustainability requirements and practices for paper finishing and converting operations, including workplace biotechnological applications and processes considerations for troubleshooting and rectification activities
- paper finishing and converting system, processes and associated services sufficient to troubleshoot including:
 - plant layout

- principles of operation
- causes and effects of adjustments made to finishing and converting plant and processes
- relationships between finishing and converting systems, processes and associated services
- manufacturer specifications and operating procedures for paper finishing and converting systems, plant and equipment, including shut down and isolation procedures
- materials used in paper finishing and converting processes
- troubleshooting methods applicable to the operation of paper finishing and converting systems
- sampling and testing for plant and system operations, process monitoring and quality checks - purpose, standards and procedures
- electronic and other control systems, operation and application to make appropriate adjustments that control paper finishing and converting processes.

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 rectify paper finishing and converting systems
 - electronic control systems which include portable, touch screens or robotics
 - personal protective equipment required for inspecting, operating and rectifying faulty paper finishing and converting systems
 - proforma or recording system for recording diagnostic and corrective action processes
- specifications:
 - workplace and standard operating procedures relating to troubleshooting and rectifying paper finishing and converting systems including health and safety, environmental, risks and hazards identification, plant isolation and quality and 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>