



Australian Government

**Assessment Requirements for PPMFCO340
Troubleshoot and rectify finishing and
converting systems**

Release: 2

Assessment Requirements for PPMFCO340 Troubleshoot and rectify finishing and converting systems

Modification History

Release	Comments
Release 2	This version released with PPM Pulp and Paper Manufacturing Training Package Version 2.0.
Release 1	This version released with PPM Pulp and Paper Manufacturing Training Package Version 1.0.

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:

- analysed and rectified finishing and converting processes and systems, at least twice in line with required enterprise intervals
- selected and used appropriate troubleshooting methods in finishing and converting systems
- identified and rectified faults in plant, equipment and product quality and system performance, relevant to finishing and converting processes
- used electronic and other control systems, including portable control devices, touch screens or robotics to control equipment and processes as required during troubleshooting
- communicated effectively and working safely with others in the work area when rectifying finishing and converting systems.

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:

- organisational procedures relevant to workplace health and safety with particular emphasis on:
 - use of personal protective equipment (PPE)
 - equipment lock out and isolation procedures
 - handling chemicals and hazardous substances, including spill and disposal guidelines
 - plant clearance requirements
 - emergency procedures and responses
 - job safety analysis documentation and processes
 - plant permit systems and processes

- high risk load shifting licensing requirements where relevant
- major hazard facility requirements where relevant
- documentation and workplace procedures relevant to troubleshooting and rectifying finishing and converting systems in the pulp and paper industry and including:
 - standard operating procedures (SOP)
 - production needs including output targets, production scheduling quality requirements, resources and energy use, waste minimisation
 - quality procedures
 - environmental sustainability requirements/practices
 - machinery and plant manufacturing operating manuals
 - enterprise policies and procedures
 - safety data sheets
 - SOP, risks and hazard identification and housekeeping
 - maintenance logs, job sheets and production instructions
 - process and instrument diagrams
- 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
- materials used in finishing and converting processes which includes:
 - parent roll or reel
 - lotion
 - shrink and stretch wraps
 - pallets
 - sheet paper
 - labelling and stencilling
 - wrap paper
 - customer rolls
 - boxes
 - polythene wrap
 - glues
 - cartons
 - strapping
 - printing
 - inks
 - shippers
 - reams

- signs and labels
- core board
- scent
- rolls
- quality tests and checks used in finishing and converting processes which includes:
 - roll density
 - core slippage
 - damaged packaging
 - reel hardness
 - core size
 - colour matching
 - bulk
 - core strength
 - sheet size
 - roll appearance
 - print quality
 - cut quality
 - machine direction and cross direction tensiles
 - core scenting
 - packaged product
 - stretch
 - roll size
 - perforations
 - product identification
 - warehousing records
- troubleshooting methods applicable to the operation of finishing and converting systems
- sampling and testing for plant and system operations, and process monitoring - purpose, standards and procedures as per site agreements
- electronic and other control systems, operation and application to make appropriate adjustments that control finishing and converting processes, within level of responsibility.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace or a productive environment that accurately reflects performance in a workplace
- resources, equipment and materials:
 - access to the full range of tools, equipment and resources involved in integrated continuous manufacturing of finishing and converting operations in a pulp or paper manufacturing facility

- electronic control systems which includes portable, touch screens or robotics
- PPE required for operating finishing and converting systems
- specifications:
 - sample workplace documentation on workplace health and safety procedures, risks and hazards identification procedures, environmental and safe working requirements/practices, SOP and housekeeping requirements.

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.education.gov.au/Pages/TrainingDocs.aspx?q=12998f8d-d0ac-40bc-a69e-72a600d4fd93>