# PPMFCO340 Troubleshoot and rectify finishing and converting systems

**Release: 2**

# 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. |

## Application

This unit of competency describes the skills and knowledge required to identify and rectify faults and report on system performance and product quality data, related to finishing and converting systems, in a pulp or paper manufacturing facility.

This unit applies to senior operators and production specialists who troubleshoot and rectify finishing and converting systems. This typically involves working in a facility with complex integrated equipment and continuous operations. Finishing and converting operations describe a range of systems and subsystems, including winding and re-winding, decorating, lotionising, calendering, water marking, perforating, slitting and cutting, embossing, laminating, folding, printing, bonding, core making, wrapping and packing.

No licensing, legislative, regulatory, or certification requirements apply to this unit at the time of publication.

## Pre-requisite Unit

Nil

## Unit Sector

Finishing and converting operations (FCO)

## Elements and Performance Criteria

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|----------|---------------------|
| *Elements describe the essential outcomes.* | *Performance criteria describe the performance needed to demonstrate achievement of the element.* |

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| 1. Identify and analyse causes of systems and quality faults | 1.1 Identify system or quality faults in finishing and converting systems in accordance with production requirements, relevant workplace health and safety procedures, risks and hazards identification and environmental workplace procedures<br><br>1.2 Monitor control system readouts to identify process variations<br><br>1.3 Interpret trends and warning devices to determine fault type and location<br><br>1.4 Interpret quality checks to identify variations from operating specifications or schedule<br><br>1.5 Identify and locate cause and source of the problem<br><br>1.6 Access and interpret relevant sources of information, as required to assist analysis<br><br>1.7 Select, fit, use and maintain personal protective equipment according to job requirements and task to be undertaken |
| 2. Rectify system faults | 2.1 Shut down equipment and implement isolation procedures prior to fault rectification according to work health and safety and standard operating procedures<br><br>2.2 By-pass, repair or replace faulty equipment<br><br>2.3. Make corrective operational adjustments and undertake operator level maintenance requirements<br><br>2.4. Restore machine or system to normal operation and communicate to relevant personnel |
| 3. Rectify product quality faults | 3.1 Identify product quality faults by observation or quality checks<br><br>3.2 Undertake sampling and conduct required tests<br><br>3.3 Interpret test results and adjust process required to rectify product quality faults<br><br>3.4 Take appropriate action to rectify and report non-conforming product |
| 4. Record and report process performance and product quality data | 4.1 Record variations from process specifications and troubleshooting actions according to organisational requirements<br><br>4.2 Document indications from performance variation<br><br>4.3 Communicate relevant information to appropriate personnel |

# Foundation Skills

*This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.*

| Skill | Description |
|---|---|
| Reading | • Interpret documentation, procedure manuals and test results |
| Writing | • Record and report test results and rectifications accurately and legibly using correct technical vocabulary<br>• Access, navigate and enter computer based information |
| Oral communication | • Select and use appropriate spoken communication strategies with work colleagues and other personnel on site |
| Numeracy | • Interpret instruments, gauges and data recording equipment |
| Navigate the world of work | • Use electronic and other control systems to control equipment and processes and make appropriate adjustments for finishing and converting processes |
| Get the work done | • Maintain situational awareness in the work area<br>• Analyse and use sensory information to adjust process to maintain and coordinate safety, quality and productivity |

# Unit Mapping Information

| Code and title current version | Code and title previous version | Comments | Equivalence status |
|---|---|---|---|
| PPMFCO340 Troubleshoot and rectify finishing and converting systems Release 2 | PPMFCO340 Troubleshoot and rectify finishing and converting systems Release 1 | Performance criteria added, minor changes to knowledge evidence | Equivalent unit |

# Links

Companion Volumes, including Implementation Guides, are available at VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=12998f8d-d0ac-40bc-a69e-72a600d4fd93

   