



Australian Government

PPMDEO301 Perform dry end operations

Release: 1

PPMDEO301 Perform dry end operations

Modification History

Release	Comments
Release 1	This version released with PPM Pulp and Paper Manufacturing Training Package Version 3.0.

Application

This unit of competency describes the skills and knowledge required to prepare for, start up, stabilise and shut down systems for dry end operations.

This unit applies to production operators who perform dry end operations in a paper manufacturing facility, and respond to contingencies that occur working with complex integrated equipment and continuous operations.

Dry end operations cover a range of systems and subsystems, including drying processes, reeling operations, chemical additive system, monitoring systems, sheet treatment processes, tail feed systems, broke system, on-line coating and coated paper systems, calendering systems, vacuum systems, laser systems, slitter systems, sheet transfer systems, accumulator and cleaning showers.

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

Pre-requisite Unit

Nil

Unit Sector

Dry End Operations (DEO)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for dry end operations	1.1 Identify production requirements and specifications to plan system operations and processes 1.2 Identify workplace health and safety hazards, assess risks and

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	determine control measures 1.3 Identify process control points according to production specifications 1.4 Confirm availability of machine supplies 1.5 Select, fit and use personal protective equipment according to job requirements and task to be undertaken 1.6 Communicate production requirements and specifications, workplace health and safety and environmental requirements and operating procedures to relevant personnel
2. Inspect and prepare systems for start-up	2.1 Inspect dry end and electronic control systems for safety and indication of faults or problems 2.2 Remove isolations according to operating procedures 2.3 Set and confirm operational settings according to production requirements and specifications 2.4 Complete pre-start check-ups and confirm operation of monitoring devices 2.5 Identify and rectify common faults or refer complex faults to specialist technician
3. Start up and stabilise dry end operations	3.1 Coordinate, communicate and implement start-up procedures for dry end operations 3.2 Confirm system functions by monitoring plant, equipment and control system and display monitors 3.3 Establish sheet and stabilise through dry end sections to parent reel 3.4 Monitor and adjust systems to rectify variations from specifications 3.5 Adjust and modify to stabilise sheet quality within specifications
4. Implement and monitor system shutdown	4.1 Coordinate and communicate planned shutdown of dry end operations to relevant personnel 4.2 Shut down plant or system according to productivity, workplace health and safety and environmental requirements and operating procedures 4.3 Monitor functionality of equipment during shutdown 4.4 Implement isolation requirements according to operating and housekeeping procedures

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
5. Respond to unplanned shutdown	5.1 Respond to unplanned faults and stoppages according to operating, emergency and workplace health and safety procedures 5.2 Complete shutdown and isolation according to operating procedures 5.3 Locate and rectify cause of unplanned shutdown within area of responsibility 5.4 Communicate shutdown information to relevant personnel
6. Record and report production information	6.1 Record production and quality data and system operation information according to workplace requirements 6.2 Report problems or variations with production, quality and system to relevant 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 information from workplace procedures and documentation
Writing	Complete records accurately and legibly using clear language and industry terminology
Oral communication	Provide information about start-up and shutdown operations, problems or variations with production, quality and system using clear language and industry terminology
Numeracy	- Interpret numerical settings on instruments, gauges and data recording equipment - Record numerical data for system and operational performance

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
PPMDEO301 Perform dry end operations	PPMDEO320 Prepare and start up dry end operations	Merges four units Changes to unit title, elements, performance criteria, foundation skills, performance evidence and knowledge evidence Assessment conditions updated Addresses coated paper processes	Not equivalent
PPMDEO301 Perform dry end operations	PPMDEO330 Co-ordinate and implement dry end shutdown	Merges four units Changes to unit title, elements, performance criteria, foundation skills, performance evidence and knowledge evidence Assessment conditions updated Addresses coated paper processes	Not equivalent
PPMDEO301 Perform dry end operations	PPMCPP320 Prepare and start up coated paper processes	Merges four units Changes to unit title, elements, performance criteria, foundation skills, performance evidence and knowledge evidence Assessment conditions updated	Not equivalent
PPMDEO301 Perform dry end operations	PPMCPP330 Co-ordinate the shutdown of coated paper processes	Merges four units Changes to unit title, elements, performance criteria, foundation skills, performance evidence and knowledge evidence Assessment conditions updated	Not equivalent

Links

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