



Australian Government

Assessment Requirements for PPMDEO330 Coordinate and implement dry end shutdown

Release: 2

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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:

- assessed, implemented and recorded dry end shutdowns, at least twice in line with required enterprise intervals
- coordinated and implemented dry end shutdowns from work area instructions and safety procedures
- assessed causes of unplanned shutdowns
- used and interpreted electronic control systems, including digital control system, touch screens or robotics to control equipment and processes during shutdowns
- reported on operational data relevant to shutdowns
- communicated effectively, through written and verbal means, and working safely with others, in the work area when undertaking dry end shutdowns.

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 procedures relevant to dry end shutdowns in the pulp and paper industry including:
 - standard operating procedures
 - productivity requirements and quality
 - environmental sustainability requirements
 - machinery and plant manufacturing operating manuals
 - confined space requirements
 - safety data sheets
 - plant isolation and safe work documentation requirements
 - maintenance logs, job sheets, site agreements
 - process and instrument diagrams
- types of materials and their uses in dry end operations including:
 - chemicals
 - compressed air
 - water
 - electricity
 - gas
 - steam
 - additives
 - machine clothing
 - ropes and belts
- hazards and risks identification including:
 - steam and/or gas leaks
 - fires
 - nip points
 - compressed air
 - hot surfaces
 - electrical entanglement
 - slip hazards/falls
 - energy
 - pressures
 - chemicals
 - fumes
 - confined spaces
 - dust
- responses to all unplanned shutdowns (power outage, mechanical breakdown, blockages, jamming, air supply, control system failure) to ensure safety quality and productivity
- dry end operations including:

- drying processes
- reeling operations
- chemical additive system
- monitoring systems
- sheet treatment processes
- tail feed systems
- broke system
- on-line coating systems
- calendering systems
- vacuum systems
- laser systems
- slitter systems
- sheet transfer systems
- accumulator
- cleaning showers
- dry end plant, processes, layout and associated services sufficient to carry out shutdown activities
- electronic and other control systems, operation and application to make appropriate adjustments that control the dry end, 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 equipment involved in integrated continuous manufacturing of dry end systems in a pulp or paper manufacturing facility
 - electronic screens and alarms, process control systems, analogue and digital instrumentation for dry end systems
 - equipment, machinery and resources to coordinate the shutdown of dry end systems
 - PPE required for operating dry end system shutdowns
 - relevant personnel for the purposes of communicating information
- specifications:
 - applicable workplace health and safety and isolation workplace procedures, environmental guidelines and safe working requirements, risks and hazard identification and workplace 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>