Australian Government

PPM30216 Certificate III in Papermaking Operations

Release: 2

PPM30216 Certificate III in Papermaking Operations

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.

Qualification Description

This qualification describes the skills and knowledge of individuals who perform production roles in a papermaking operation. Work activities involve the application of technical skills and knowledge using some discretion and judgement. Individuals in these roles generally provide technical advice and support to a team and work under general supervision. They would be expected to apply technical knowledge to rectify a range of predictable and unforeseen problems relating to start up, operation and shutdown activities.

Job roles

A key focus of the qualification, and therefore vocational outcomes, is on skills for performing production operations, mainly through start-up & shut down of papermaking and ancillary equipment and processes, and will reflect the duties of a production employee or technician in one or more of the following areas:

Stock preparation and handling; fibre preparation; wet end operations; dry end operations; finishing and converting; coating systems operator; winder/reel and roll operations; packaging/folding; dry end testing.

Co-located job roles

Electricity Generation/Turbine Operator; Steam Generation/Boilerhouse Operator; Water Services Operator; Chemical Recovery Operator.

Licensing, legislative, regulatory, or certification requirements apply to some units in this qualification in some states and territories at the time of publication and may differ according to jurisdiction.

Entry Requirements

There are no entry requirements for this qualification.

Packaging Rules

To achieve this qualification, competency must be demonstrated in:

- 13 units of competency:
  - 5 core units plus
  - 8 elective units.

Elective units must ensure the integrity of the qualification's Australian Qualification Framework (AQF) alignment and contribute to a valid, industry-supported vocational outcome.

All units within at least one Industry Specific group must be selected. Remaining electives may be selected from the Elective Units list and can include up to **two (2)** units from an endorsed Training Package or State/Territory accredited course.

In the Steam Generation sector, if the type of equipment used denotes that a High Risk Work Licence is required, the unit MSMBLIC001 must be used. For equipment use that does not require a High Risk Work Licence, the PPMSTM units may be used.

Core Units

BSBFLM312	Contribute to team effectiveness
MSS402051	Apply quality standards
PPMNUM320	Measure and calculate routine workplace data
PPMPRS210	Identify and rectify problems in the workplace
PPMWHS210	Participate in WHS processes

Industry Specific Elective Units

Chemical recovery operations

| PPMREC320 | Prepare and start up chemical recovery operations |
| PPMREC330 | Coordinate and implement chemical recovery shutdowns |

Coated paper processes

| PPMCPP320 | Prepare and start up coated paper processes |
| PPMCPP330 | Coordinate the shutdown of coated paper processes |

Dry end operations

PPMDEO320	Prepare and start up dry end operations
PPMDEO330	Coordinate and implement dry end shutdown

Electrical power generation

PPMEPG320	Manage a power generation system start up
PPMEPG330	Coordinate power generation system shutdown

Finishing and converting

PPMFCO320	Prepare and start up finishing and converting operations
PPMFCO340	Troubleshoot and rectify finishing and converting systems

Steam generation

MSMBLIC001	Licence to operate a standard boiler
OR	
PPMSTM320	Manage steam boiler startup
PPMSTM330	Shut down and bank steam boiler

Water services

PPMWAS340	Troubleshoot and rectify water systems

Wet end operations

PPMWEO320	Prepare and start up wet end operations
PPMWEO330	Coordinate and implement wet end shutdown

Elective Units

Business support

BSBFLM305	Support operational plan
BSBFLM309	Support continuous improvement systems and processes
BSBFLM311	Support a workplace learning environment
BSBRES411	Analyse and present research information
BSBRSK401	Identify risk and apply risk management processes
BSBWRK409	Prepare for and participate in dispute resolution
PPMREL210	Contribute to effective working relationships

Chemical preparation

| PPMCPR210 | Prepare chemical products |

Chemical recovery operations

| PPMREC440 | Troubleshoot and rectify chemical recovery operations |

Coated paper processes

| PPMCPP210 | Monitor and control coated paper processes |
| PPMCPP440 | Troubleshoot and rectify coated paper processes |

Communication

| BSBCMM201 | Communicate in the workplace |

Computer / process control equipment

| MSMOPS212 | Use organisation computers or data systems |
| PPMCSK310 | Operate process control equipment |

Dry end operations

PPMDEO210	Monitor and control dry end operations
PPMDEO440	Troubleshoot and rectify dry end systems

Electrical power generation

PPMEPG440	Troubleshoot and rectify power generation system

Emergency procedures / safety

BSBWHS401	Implement and monitor WHS policies, procedures and programs to meet legislative requirements
BSBWHS404	Contribute to WHS hazard identification, risk assessment and risk control
BSBWHS405	Contribute to implementing and maintaining WHS management systems
MSMWHS110	Follow emergency response procedures
PMAWHS211	Prepare equipment for emergency response

Environmental monitoring

PPMENV210	Identify and monitor environmental discharges/emissions
PPMENV320	Monitor and control environmental hazards

First aid

HLTAID003	Provide first aid
MSAPMOHS220A	Provide initial First Aid response

Laboratory operations

MSL904002	Perform standard calibrations
MSL973013	Perform basic tests

Load shifting

PPMMHV210	Operate overhead crane
TLID2003	Handle dangerous goods/hazardous substances
TLID2010	Operate a forklift
TLID2013	Move materials mechanically using automated equipment
TLID2047	Prepare cargo for transfer with slings
TLID3011	Conduct specialised forklift operations
TLID3031	Rig load
TLID3035	Operate a boom type elevating work platform

Numeracy

MSS404052	Apply statistics to operational processes
PPMNUM210	Estimate and calculate basic data

Planning and organising

BSBADM405	Organise meetings
MEM14005A	Plan a complete activity
MEM30020A	Develop and manage a plan for a simple manufacturing related project

Preventative maintenance / operator maintainer

MEM09002B	Interpret technical drawing

MEM12023A	Perform engineering measurements
MEM18001C	Use hand tools
MEM18002B	Use power tools/hand held operations
MEM18055B	Dismantle, replace and assemble engineering components
MSS402081	Contribute to the application of a proactive maintenance strategy
PPMPRM210	Undertake operator level preventative maintenance
PPMPRM220	Perform lubrication

Production support

MEM18011C	Shut down and isolate machines/equipment
MSS402020	Apply quick changeover procedures
MSS402040	Apply 5S procedures
MSS402050	Monitor process capability
MSS403002	Ensure process improvements are sustained
MSS403032	Analyse manual handling processes
MSS403040	Facilitate and improve implementation of 5S
MSS403051	Mistake proof an operational process
PPMPRS320	Solve systemic problems in the workplace
PPMPRV210	Operate ancillary equipment
PPMPRV320	Co-ordinate and direct clothing changes

Quality

PPMQAS210	Apply basic quality practices
PPMQAS420	Co-ordinate in-process quality assurance

Security

CPPSEC2011 B	Control access to and exit from premises
CPPSEC2015 A	Patrol premises
CPPSEC3007 A	Maintain security of environment

Steam generation

MSMBLIC001	Licence to operate a standard boiler
MSMBLIC002	Licence to operate an advanced boiler
PPMSTM210	Monitor and control boiler operation
PPMSTM440	Troubleshoot and rectify boiler plant systems

Sustainability

FWPCOT3263	Maintain and contribute to energy efficiency
MSMENV472	Implement and monitor environmentally sustainable work practices
MSS014003	Optimise sustainability of a process or plant area
TLIU4001	Implement and monitor environmental protection policies and procedures

Training and assessment

TAEASS301	Contribute to assessment
TAEDEL301	Provide work skill instruction
TAEDEL404	Mentor in the workplace
	(The following 3 units count as 1 unit)

TAEASS401	Plan assessment activities and processes
TAEASS402	Assess competence
TAEASS403	Participate in assessment validation

Water services

PPMWAS210	Operate water systems

Wet end operations

PPMWEO210	Monitor and control wet end operations
PPMWEO440	Troubleshoot and rectify wet end systems

Workplace health and safety

PPMWHS310	Contribute to WHS processes
PPMWHS320	Maintain WHS processes

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
PPM30216 Certificate III in Papermaking Operations Release 2	PPM30216 Certificate III in Papermaking Operations Release 1	Electives relating to Boiler Operations updated	Equivalent qualification

Links

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