

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.

PPM30216	Certificate III in Papermaking Operations
<p>Qualification Description</p> <p>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.</p> <p>Job roles</p> <p>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</p> <p>Co-located job roles</p> <p>Electricity Generation/Turbine Operator; Steam Generation/Boilerhouse Operator; Water Services Operator; Chemical Recovery Operator</p> <p>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.</p>	
<p>Entry Requirements</p> <p>There are no entry requirements for this qualification.</p>	

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 plant 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 startup
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
BSBRES401	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, control and shutdown finishing and converting operations
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

PPM30216 Certificate III in Papermaking Operations

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	
CPPSEC2011B	Control access to and exit from premises
CPPSEC2015A	Patrol premises
CPPSEC3007A	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.education.gov.au/Pages/TrainingDocs.aspx?q=12998f8d-d0ac-40bc-a69e-72a600d4fd93>