

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.

PPM40216	Certificate IV in Papermaking Operations						
<p>Qualification Description</p> <p>This qualification describes the skills and knowledge of individuals who perform high level technical production roles in a papermaking operation. Work activities involve the application of technical skills and detailed knowledge using discretion and judgement. Individuals in these roles are generally pivotal to the production process, providing complex technical advice and support to a team. They would be expected to apply detailed technical knowledge to solve a range of complex problems relating to equipment, process, output and quality. Work would be carried out independently under general or limited supervision.</p> <p>Job roles</p> <p>A key focus of the qualification, and therefore vocational outcomes, is on skills for troubleshooting and rectifying production papermaking production processes, and will reflect the duties of a senior operator/technician or production specialist in one or more of the following areas: Fibre/stock preparation and handling; wet end operations; dry end operations; coated paper treatments; finishing and converting; winding and rewinding; quality testing</p> <p>Co-located job roles</p> <p>Electricity Generation/Turbine; Steam Generation/Boilerhouse; Water Services; Chemical Recovery; Chemical Preparation</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>							
<p>Packaging Rules</p> <p>To achieve this qualification, competency must be demonstrated in:</p> <ul style="list-style-type: none"> • 10 units of competency: <ul style="list-style-type: none"> • 6 core units plus • 4 elective units. <p>Elective units must ensure the integrity of the qualification's Australian Qualification Framework (AQF) alignment and contribute to a valid, industry-supported vocational outcome.</p> <p>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.</p> <p>In the Steam Generation sector, if the type of equipment used denotes that a High Risk Work Licence is required, the units MSMBLIC001 and MSMBLIC002 must be used. For equipment use that does not require a High Risk Work Licence, the PPMSTM units may be used.</p> <p>Core Units</p> <table border="1"> <tbody> <tr> <td>MEM12024A</td> <td>Perform computations</td> </tr> <tr> <td>MSMENV472</td> <td>Implement and monitor environmentally sustainable work practices</td> </tr> <tr> <td>PPMPRS320</td> <td>Solve systemic problems in the workplace</td> </tr> </tbody> </table>		MEM12024A	Perform computations	MSMENV472	Implement and monitor environmentally sustainable work practices	PPMPRS320	Solve systemic problems in the workplace
MEM12024A	Perform computations						
MSMENV472	Implement and monitor environmentally sustainable work practices						
PPMPRS320	Solve systemic problems in the workplace						

PPMQAS420	Co-ordinate in-process quality assurance
PPMWHS320	Maintain WHS processes
TLIE4006	Collect, analyse and present workplace data and information
Industry Specific Elective Units	
Chemical recovery operations	
PPMREC440	Troubleshoot and rectify chemical recovery operations
Coated paper processes	
PPMCPP440	Troubleshoot and rectify coated paper processes
Dry end operations	
PPMDEO440	Troubleshoot and rectify dry end systems
Electrical power generation	
PPMEPG440	Troubleshoot and rectify power generation system
Finishing and converting	
PPMFCO340	Troubleshoot and rectify finishing and converting systems
Steam Generation	
MSMBLIC001	Licence to operate a standard boiler
MSMBLIC002	Licence to operate an advanced boiler
OR	
PPMSTM440	Troubleshoot and rectify boiler plant systems
Wet end operations	
PPMWEO440	Troubleshoot and rectify wet end systems
Elective Units	
Business support	
BSBCMM401	Make a presentation
BSBFLM305	Support operational plan
BSBFLM309	Support continuous improvement systems and processes
BSBFLM311	Support a workplace learning environment
BSBLDR402	Lead effective workplace relationships
BSBLDR403	Promote team effectiveness
BSBREL401	Establish networks
BSBRSK401	Identify risk and apply risk management processes
BSBWRK409	Prepare for and participate in dispute resolution
MSMSUP382	Provide coaching/mentoring in the workplace
PPMQAS430	Oversee quality assurance process
Coated paper processes	
PPMCPP210	Monitor and control coated paper processes
PPMCPP320	Prepare and start up coated paper processes
PPMCPP330	Coordinate the shutdown of coated paper processes
Computer / process control equipment	

PPMCSK310	Operate process control equipment
Emergency procedures / safety	
BSBWHS401	Implement and monitor WHS policies, procedures and programs to meet legislative requirements
BSBWHS402	Assist with compliance with WHS laws
BSBWHS403	Contribute to implementing and maintaining WHS consultation and participation processes
BSBWHS404	Contribute to WHS hazard identification, risk assessment and risk control
BSBWHS405	Contribute to implementing and maintaining WHS management systems
BSBWHS409	Assist with workplace monitoring processes
BSBWHS510	Contribute to implementing emergency procedures
MSMWHS110	Follow emergency response procedures
PPMWHS410	Identify, assess and control WHS risk in own work
Environmental monitoring	
PPMENV320	Monitor and control environmental hazards
First aid	
MSAPMOHS220A	Provide initial First Aid response
Laboratory operations	
MSL904002	Perform standard calibrations
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
TLID3024	Use specialised liquid bulk transfer equipment (gravity/pressurised)
TLID3031	Rig load
TLID3035	Operate a boom type elevating work platform
Numeracy	
MSS404052	Apply statistics to operational processes
PPMNUM430	Calculate and analyse production and financial performance
Planning and organising	
BSBADM405	Organise meetings
BSBADM407	Administer projects
MEM14005A	Plan a complete activity
MEM30020A	Develop and manage a plan for a simple manufacturing related project
PPMPLN420	Plan a complex activity
Production support	
MEM18011C	Shut down and isolate machines/equipment

MSS402020	Apply quick changeover procedures		
MSS402040	Apply 5S procedures		
MSS402050	Monitor process capability		
MSS403001	Implement competitive systems and practices		
MSS403002	Ensure process improvements are sustained		
MSS403011	Facilitate implementation of competitive systems and practices		
MSS403032	Analyse manual handling processes		
MSS403040	Facilitate and improve implementation of 5S		
MSS403051	Mistake proof an operational process		
PPMPRV320	Co-ordinate and direct clothing changes		
Quality			
MSMSUP400	Develop and monitor quality systems		
Sustainability			
FWPCOT3263	Maintain and contribute to energy efficiency		
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		
TAEASS401	Plan assessment activities and processes		
TAEASS402	Assess competence		
TAEASS403	Participate in assessment validation		
TAEASS502	Develop assessment tools		
TAEASS505	Lead and coordinate assessment systems and services		
TAEDEL401	Plan, organise and deliver group-based learning		
TAEDEL402	Plan, organise and facilitate learning in the workplace		
TAEDEL404	Mentor in the workplace		
TAEDES401	Design and develop learning programs		
TAEDES402	Use training packages and accredited courses to meet client needs		
TAEDES502	Design and develop learning resources		
TAETAS501	Undertake organisational training needs analysis		
Turbine operations			
UEPOPS411B	Run up a steam turbine		
UEPOPS419B	Shut down a steam turbine		
Workplace health and safety			
PPMWHS420	Manage WHS processes		
Qualification Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
PPM40216 Certificate IV in Papermaking Operations Release 2	PPM40216 Certificate IV 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>