Modification History

| Release | Comments |
| --- | --- |
| Release 1 | This version released with PPM Pulp and Paper Manufacturing Training Package Version 1.0. |

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| PPM30216 | Certificate III in Papermaking Operations |
| Qualification DescriptionThis 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 OperatorLicensing, 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 RequirementsThere are no entry requirements for this qualification. |
| Packaging RulesTo 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.Core Units

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| PPMPRS210 | Identify and rectify problems in the workplace |
| PPMNUM320 | Measure and calculate routine workplace data |
| MSS402051A | Apply quality standards |
| BSBFLM312 | Contribute to team effectiveness |
| PPMWHS210 | Participate in WHS processes |

Industry Specific Elective Units

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| **Boiler Operations**  |  |
| MSMBLIC001 | Licence to operate a standard boiler |
| **Chemical recovery operations** |  |
| PPMREC320 | Prepare and start up chemical recovery operations |
| PPMREC330 | Co-ordinate and implement chemical recovery plant shutdowns |
| **Coated paper processes** |  |
| PPMCPP320 | Prepare and start up coated paper processes |
| PPMCPP330 | Co-ordinate the shutdown of coated paper processes |
| **Dry end operations** |  |
| PPMDEO320 | Prepare and start up dry end operations |
| PPMDEO330 | Co-ordinate and implement dry end shutdown |
| **Electrical power generation**  |  |
| PPMEPG320 | Manage a power generation system startup |
| PPMEPG330 | Co-ordinate power generation system shutdown |
| **Finishing and converting**  |  |
| PPMFCO320 | Prepare and start up finishing and converting operations |
| PPMFCO340 | Troubleshoot and rectify finishing and converting systems |
| **Water services**  |  |
| PPMWAS210 | Operate water systems |
| **Wet end operations** |  |
| PPMWEO320 | Prepare and start up wet end operations |
| PPMWEO330 | Co-ordinate and implement wet end shutdown |

Elective Units

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| **Boiler Operations**  |  |
| MSMBLIC001 | Licence to operate a standard boiler |
| MSMBLIC002 | Licence to operate an advanced boiler |
| **Business support** |  |
| PPMREL210  | Contribute to effective working relationships |
| 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 |
| BSBWRK402A | Empower workers |
| BSBWRK404A | Promote equality of opportunity and fair treatment for all workers |
| BSBWRK406A | Participate in the bargaining process |
| BSBWRK407A | Provide advice to union members |
| BSBWRK408A | Undertake negotiations |
| BSBWRK409 | Prepare for and participate in dispute resolution |
| **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 |
| BSBWRK403A | Communicate with workers |
| **Computer / process control equipment** |  |
| PPMCSK310 | Operate process control equipment |
| MSAPMOPS212A | Use organisation computers or data systems |
| **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** |  |
| BSBWHS405 | Contribute to implementing and maintaining WHS management systems |
| BSBWHS404 | Contribute to WHS hazard identification, risk assessment and risk control |
| BSBWHS401 | Implement and monitor WHS policies, procedures and programs to meet legislative requirements |
| MSAPMOHS110A | Follow emergency response procedures |
| PMAOHS211B | 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** |  |
| MSL904001 | Perform standard calibration |
| MSL973001 | Perform basic tests |
| **Load shifting** |  |
| PPMMHV210 | Operate overhead crane |
| TLID2010 | Operate a forklift |
| TLID3011 | Conduct specialised forklift operations |
| TLID2013 | Move materials mechanically using automated equipment |
| TLID2003 | Handle dangerous goods/hazardous substances |
| TLID3031 | Rig load |
| TLID3035 | Operate a boom type elevating work platform |
| TLID2047 | Prepare cargo for transfer with slings |
| **Numeracy** |  |
| PPMNUM210 | Estimate and calculate basic data |
| MSS404052A | Apply statistics to operational processes |
| **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** |  |
| PPMPRM210 | Undertake operator level preventative maintenance |
| PPMPRM220 | Perform lubrication |
| 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 |
| MSS402081A | Contribute to the application of a proactive maintenance strategy |
| **Production support** |  |
| PPMPRS320 | Solve systemic problems in the workplace |
| PPMPRV210 | Operate ancillary equipment |
| PPMPRV320 | Co-ordinate and direct clothing changes |
| MEM18011C | Shut down and isolate machines/equipment |
| MSS403002A | Ensure process improvements are sustained |
| MSS402020A | Apply quick changeover procedures  |
| MSS402040A | Apply 5S procedures  |
| MSS402050A | Monitor process capability |
| MSS403032A | Analyse manual handling processes |
| MSS403040A | Facilitate and improve implementation of 5S |
| MSS403051A | Mistake proof an operational process |
| **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 |
| **Stock preparations operations** |  |
| PPMSPR320 | Prepare and start up stock preparation system for production |
| PPMSPR330 | Co-ordinate and implement stock preparation system shutdown |
| **Sustainability** |  |
| MSACMT270A | Use sustainable energy practices |
| MSACMT271A | Use sustainable environmental practices |
| MSS014003A | Optimise sustainability of a process or plant area |
| MSAENV472B | Implement and monitor environmentally sustainable work practices |
| **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** |  |
| PPMWAS340 | Troubleshoot and rectify 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 |

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| Qualification Mapping Information

| Code and title current version | Code and title previous version | Comments | Equivalence status |
| --- | --- | --- | --- |
| PPM30216 Certificate II in Papermaking Operations  | PPM30216 Certificate II in Papermaking Operations  | Electives relating to Boiler Operations updated | Equivalent qualification |

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| LinksCompanion Volume Implementation Guide - http://www.skillsimpact.com.au/pulp-and-paper/skills-standards-and-qualifications/ |