Modification History

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

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| PPM30116 | Certificate III in Pulping Operations |
| Qualification Description  This qualification describes the skills and knowledge of individuals who perform production roles in a pulping 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 pulping and ancillary equipment and processes, and will reflect the duties of a production employee or technician in one or more of the following areas:  Pulping operations; waste paper recycling; primary resources; stock preparation and handling; fibre preparation  **Co-located job roles**  Electricity Generation/Turbine Operator; Steam Generation/Boilerhouse Operator; Water Services Operator; Chemical Recovery Operator; Chemical Preparation worker  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.  Core Units   |  |  | | --- | --- | | 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   |  |  | | --- | --- | | **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 | | **Electrical power generation** |  | | PPMEPG320 | Manage a power generation system startup | | PPMEPG330 | Co-ordinate power generation system shutdown | | **Pulping operations** |  | | PPMPUL320 | Prepare and start up pulping system operations | | PPMPUL330 | Co-ordinate and implement pulping plant shutdowns | | **Primary resource operations** |  | | PPMRES340 | Troubleshoot and rectify primary resource operations | | **Stock preparations operations** |  | | PPMSPR320 | Prepare and start up stock preparation system for production | | PPMSPR330 | Co-ordinate and implement stock preparation system shutdown | | **Waste paper operations** |  | | PPMWPO320 | Prepare and start up waste paper operations | | PPMWPO330 | Co-ordinate and implement waste paper shutdown | | **Water services** |  | | PPMWAS340 | Troubleshoot and rectify water systems |   Elective Units   |  |  | | --- | --- | | **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 | | BSBWRK403A | Communicate with 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** |  | | PPMREC210 | Monitor and control chemical recovery operations | | PPMREC440 | Troubleshoot and rectify chemical recovery operations | | **Communication** |  | | BSBCMM201 | Communicate in the workplace | | **Computer / process control equipment** |  | | PPMCSK310 | Operate process control equipment | | MSAPMOPS212A | Use organisation computers or data systems | | **Electrical power generation** |  | | PPMEPG210 | Monitor and control 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 | | TLID3024 | Use specialised liquid bulk transfer equipment (gravity/pressurised) | | 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 | | MSACMT452A | Apply statistics to processes in manufacturing | | **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 | | **Primary resource operations** |  | | PPMRES210 | Prepare and operate the woodchip production system | | **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 | | **Pulping operations** |  | | PPMPUL210 | Monitor and control pulping operations | | PPMPUL440 | Troubleshoot and rectify pulping processes | | **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** |  | | PPMSPR210 | Monitor and control stock preparation systems | | PPMSPR440 | Troubleshoot and rectify stock preparation systems | | **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 | | Turbine operations |  | | UEPOPS341A | Shut down a steam turbine | | UEPOPS411B | Run up a steam turbine | | **Waste paper operations** |  | | PPMWPO210 | Monitor and control waste paper operations | | PPMWPO440 | Troubleshoot and rectify waste paper operations | | **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 | |
| Links  Companion Volume Implementation Guide - http://www.skillsimpact.com.au/pulp-and-paper/skills-standards-and-qualifications/ |