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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| PPM20116 | Certificate II in Pulping Operations |
| Qualification Description  This qualification describes the skills and knowledge of individuals who perform production support roles in a pulping operation. Work activities are mainly routine and involve the application of fundamental operational skills and knowledge in a defined context and range of situations. Individuals in these roles generally work under direct supervision. They would be expected to apply knowledge to solve a limited range of predictable problems by applying familiar solutions.  Job roles  A key focus of the qualification, and therefore vocational outcomes, is on skills for providing operations support, mainly through monitoring and controlling pulping and ancillary equipment and processes, and will reflect the duties of a Production Support employee in one or more of the following areas:  Hydrapulping; pulping machine operations; machine operations; pulp handling; bale handling; fibre preparation; stock 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:   * 11 units of competency: * 3 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   |  |  | | --- | --- | | PPMQAS210 | Apply basic quality practices | | PPMSUS210 | Apply sustainable work practices/policies | | PPMWHS210 | Participate in WHS processes |   Industry Specific Elective Units   |  |  | | --- | --- | | **Boiler Operations** |  | | MSMBLIC001 | Licence to operate a standard boiler | | **Chemical recovery operations** |  | | PPMREC210 | Monitor and control chemical recovery operations | | **Handling and preparing waste paper for pulp production** |  | | PPMHWP250 | Store and dispatch waste paper | | PPMHWP260 | Receive waste paper | | PPMHWP270 | Unload waste paper | | **Electrical power generation** |  | | PPMEPG210 | Monitor and control power generation system | | **Primary resource operations** |  | | PPMRES210 | Prepare and operate the woodchip production system | | PPMRES250 | Distribute woodchips | | PPMRES260 | Receive materials | | PPMRES270 | Unload materials |  | | Pulping operations |  | | PPMPUL210 | Monitor and control pulping operations | | **Stock preparations operations** |  | | PPMSPR210 | Monitor and control stock preparation systems | | **Waste paper operations** |  | | PPMWPO210 | Monitor and control waste paper operations | | **Water services** |  | | PPMWAS210 | Operate 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 | | TLIA2022 | Participate in stocktakes | | **Chemical preparation** |  | | PPMCPR210 | Prepare chemical products | | **Chemical recovery operations** |  | | PPMREC320 | Prepare and start up chemical recovery operations | | PPMREC330 | Co-ordinate and implement chemical recovery plant shutdowns | | **Communication** |  | | BSBCMM101 | Apply basic communication skills | | BSBCMM201 | Communicate in the workplace | | **Computer / process control equipment** |  | | PPMCSK310 | Operate process control equipment | | MSAPMOPS212A | Use enterprise computers or data systems | | **Electrical power generation** |  | | PPMEPG320 | Manage a power generation system startup | | PPMEPG330 | Co-ordinate power generation system shutdown | | **Emergency procedures / safety** |  | | MSAPMOHS110A | Follow emergency response procedures | | PMAOHS211B | Prepare equipment for emergency response | | **Environmental monitoring** |  | | PPMENV210 | Identify and monitor environmental discharges/emissions | | **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 | | TLID1001 | Shift materials safely using manual handling methods | | TLID3011 | Conduct specialised forklift operations | | TLID2013 | Move materials mechanically using automated equipment | | TLID1002 | Shift a load using manually-operated 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 | | TLID2004 | Load and unload goods/cargo | | TLID2047 | Prepare cargo for transfer with slings | | **Numeracy** |  | | PPMNUM210 | Estimate and calculate basic data | | MSS402030A | Apply cost factors to work practices | | **Ordering / distribution / storage** |  | | PPMPUL250 | Store and distribute pulped product | | PPMRES260 | Receive materials | | PPMRES270 | Unload materials | | MEM11016B | Order materials | | TLIA2012 | Pick and process orders | | TLIA3016 | Use inventory systems to organise stock control | | **Planning and organising** |  | | PPMPLN210 | Plan and undertake a routine task | | **Preventative maintenance / operator maintainer** |  | | PPMPRM210 | Undertake operator level preventative maintenance | | PPMPRM220 | Perform lubrication | | MSS402081A | Contribute to the application of a proactive maintenance strategy | | **Primary resource operations** |  | | PPMRES340 | Troubleshoot and rectify primary resource operations | | **Production support** |  | | PPMPRS210 | Identify and rectify problems in the workplace | | PPMPRV210 | Operate ancillary equipment | | MSS402020A | Apply quick changeover procedures | | MSS402040A | Apply 5S procedures | | MSS402050A | Monitor process capability | | **Pulping operations** |  | | PPMPUL320 | Prepare and start up pulping system operations | | PPMPUL330 | Co-ordinate and implement pulping plant shutdowns | | **Security** |  | | CPPSEC2011B | Control access to and exit from premises | | CPPSEC2015A | Patrol premises | | **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 | | **Training and assessment** |  | | TAEASS301 | Contribute to assessment | | TAEDEL301 | Provide work skill instruction | | **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 | | **Workplace health and safety** |  | | PPMWHS310 | Contribute to WHS processes | | |

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| Qualification Mapping Information   | Code and title current version | Code and title previous version | Comments | Equivalence status | | --- | --- | --- | --- | | PPM20216 Certificate II in Papermaking Operations | PPM20216 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/ |