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.

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.

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

PPMQAS210	Apply basic quality practices
PPMSUS210	Apply sustainable work practices/policies
PPMWHS210	Participate in WHS processes

Industry Specific Elective Units

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 |

Steam Generation

MSMBLIC001	Licence to operate a standard boiler
OR	
PPMSTM210	Monitor and control boiler operation

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

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	Coordinate 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
MSMOPS212	Use enterprise computers or data systems

Electrical power generation

PPMEPG320	Manage a power generation system startup
PPMEPG330	Coordinate power generation system shutdown

Emergency procedures / safety

MSMWHS110	Follow emergency response procedures
PMAWHS211	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

MSL904002	Perform standard calibrations
MSL973013	Perform basic tests

Load shifting

PPMMHV210	Operate overhead crane
TLID1001	Shift materials safely using manual handling methods

TLID1002	Shift a load using manually-operated equipment
TLID2003	Handle dangerous goods/hazardous substances
TLID2004	Load and unload goods/cargo
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

MSS402030	Apply cost factors to work practices
PPMNUM210	Estimate and calculate basic data

Ordering / distribution / storage

MEM11016B	Order materials
PPMPUL250	Store and distribute pulped product
PPMRES260	Receive materials
PPMRES270	Unload 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

MSS402081	Contribute to the application of a proactive maintenance strategy
PPMPRM210	Undertake operator level preventative maintenance
PPMPRM220	Perform lubrication

Primary resource operations

PPMRES340	Troubleshoot and rectify primary resource operations

Production support

MSS402020	Apply quick changeover procedures
MSS402040	Apply 5S procedures
MSS402050	Monitor process capability
PPMPRS210	Identify and rectify problems in the workplace
PPMPRV210	Operate ancillary equipment

Pulping operations

PPMPUL320	Prepare and start up pulping system operations
PPMPUL330	Coordinate and implement pulping plant shutdowns

Security

CPPSEC2011B	Control access to and exit from premises
CPPSEC2015A	Patrol premises

Steam Generation

MSMBLIC001	Licence to operate a standard boiler
MSMBLIC002	Licence to operate an advanced boiler
PPMSTM320	Manage steam boiler startup
PPMSTM330	Shut down and bank steam boiler

Stock preparations operations

| PPMSPR320 | Prepare and start up stock preparation system for production |
| PPMSPR330 | Coordinate and implement stock preparation system shutdown |

Sustainability

| FWPCOT3263 | Maintain and contribute to energy efficiency |
| TLIU4001 | Implement and monitor environmental protection policies and procedures |

Training and assessment

| TAEASS301 | Contribute to assessment |
| TAEDEL301 | Provide work skill instruction |

Waste paper operations

| PPMWPO320 | Prepare and start up waste paper operations |
| PPMWPO330 | Coordinate and implement waste paper shutdown |

Water services

| PPMWAS340 | Troubleshoot and rectify water systems |

Workplace health and safety

| PPMWHS310 | Contribute to WHS processes |

Qualification Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
PPM20116 Certificate II in Pulping Operations Release 2	PPM20116 Certificate II in Pulping 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