

FPP20110**Certificate II in Pulping Operations****Qualification Notes**

Total number of units = 12

2 Core units *plus*

10 Elective units

At least 1 and up to 4 elective units must be selected from a single Industry Specific group (**Groups A–I**)

A maximum of 1 elective unit must be selected from *each* of the following Support Electives groups:

- Numeracy
- OHS
- Communication
- Sustainability

Remaining electives may be selected from the Supplementary Electives list and can include up to 2 units from an endorsed Training Package or state/territory accredited course

Elective units must be relevant to the work outcome sought, industry requirements and the qualification level. Units selected must not duplicate each other in content

Please note that imported units from other Training Packages are for the purpose of Industry assessment only and that any licensing requirements are to be dealt with through specific Licensing units, undertaken prior to this qualification and in such a manner as to meet state and territory licensing requirements

CORE UNITS**Unit Code****Unit Name**

FPPQAS210A

Apply basic quality practices

MSAPMSUP101A

Clean workplace or equipment

ELECTIVE UNITS**INDUSTRY SPECIFIC****Unit Code****Unit Name****Group A: Chemical recovery operations**

(co-located in Certificate II Papermaking Operations)

FPPREC210A

Monitor and control chemical recovery operations

Group B: Steam generation

(co-located in Certificate II Papermaking Operations)

FPPSTM210A

Monitor and control boiler operation

Group C: Electrical power generation

(co-located in Certificate II Papermaking Operations)

FPPEPG210A

Monitor and control power generation system

Group D: Stock preparations operations

FPPSPR210A

Monitor and control stock preparation systems

Group E: Pulping operations

FPPPUL210A

Monitor and control pulping operations

Group F: Waste paper operations

Not Yet Endorsed

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FPPWPO210A Monitor and control waste paper operations

Group G: Primary resource operations

FPPRES210A Prepare and operate the woodchip production system

FPPRES250A Distribute woodchips

FPPRES260A Receive materials (co-located in Supplementary Electives)

FPPRES270A Unload materials (co-located in Supplementary Electives)

Group H: Water services

(co-located in Supplementary Electives and Certificate II in Papermaking Operations)

FPPWAS210A Operate water systems

Group I: Handling and preparing waste paper for pulp production

FPPHWP250A Store and dispatch waste paper

FPPHWP260A Receive waste paper

FPPHWP270A Unload waste paper

Group J: SUPPLEMENTARY ELECTIVES**Unit Code Unit Name****Chemical preparation**

FPPCPR210A Prepare chemical products

Computer / process control equipment

FPPCSK310A Operate process control equipment

MSAPMOPS212A Use enterprise computers or data systems

Emergency procedures / safety

MSAPMOHS110A Follow emergency response procedures

PMAOHS211B Prepare equipment for emergency response

Environmental monitoring

FPPENV210A Identify and monitor environmental discharges/emissions

First aid

HLTFA301B Apply first aid

MSAPMOHS220A Provide initial first aid response

Load shifting

FPPMHV210A Operate overhead crane

TLID1007C Operate a forklift

TLID107C Shift materials safely using manual handling methods

TLID1107C Conduct specialised forklift operations

TLID1307C Move materials mechanically using automated equipment

TLID207C Shift a load using manually-operated equipment

TLID2407C Use specialised liquid bulk transfer equipment
(gravity/pressurised)

TLID307E Handle dangerous goods/hazardous substances

Not Yet Endorsed

FPP20110

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TLID3107C	Rig load
TLID3507C	Operate a boom type elevating work platform
TLID407C	Load and unload goods/cargo
TLID707C	Prepare cargo for transfer with slings

Planning and organising

FPPPLN210A	Plan and undertake a routine task
MEM14005A	Plan a complete activity

Preventative maintenance / operator maintainer

FPPPRM210A	Undertake operator level preventative maintenance
FPPPRM220A	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
MSACMT281A	Contribute to the application of a proactive maintenance strategy

Water services

FPPWAS210A	Operate water systems (co-located in Industry Specific: Group H)
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Training and assessment

TAEASS301A	Contribute to assessment
TAEDEL301A	Provide work skill instruction

Laboratory operations

MSL904001A	Perform standard calibrations
MSL973001A	Perform basic tests

Business support

FPPREL210A	Contribute to effective working relationships
BSBWRK402A	Empower workers
BSBWRK403A	Communicate with workers
BSBWRK409A	Prepare for and participate in dispute resolution
TLIA2207C	Participate in stocktakes

Production support

FPPPRS210A	Identify and rectify problems in the workplace
FPPPRV210A	Operate ancillary equipment
MSACMS401A	Ensure process improvements are sustained
MSACMT220A	Apply quick changeover procedures
MSACMT240A	Apply 5S procedures in a manufacturing environment

Not Yet Endorsed

FPP20110**Certificate II in Pulping Operations**

MSACMT250A	Monitor process capability
MSACMT432A	Analyse manual handling processes
MSACMT451A	Mistake proof a production process

Security

CPPSEC2011A	Control access to and exit from premises
CPPSEC2015A	Patrol premises

Ordering / distribution / storage

FPPPUL250A	Store and distribute pulped product
FPPRES260A	Receive materials (co-located in Industry Specific: Group G)
FPPRES270A	Unload materials (co-located in Industry Specific: Group G)
MEM11016B	Order materials
TLIA1207C	Pick and process orders
TLIA1607C	Use inventory systems to organise stock control

Group K: SUPPORT ELECTIVES**Unit Code Unit Name****Numeracy**

FPPNUM210A	Estimate and calculate basic data
MEM12024A	Perform computations
MSACMT230A	Apply cost factors to work practices

OHS

FPPOHS210A	Participate in OHS processes
FPPOHS310A	Contribute to OHS processes

Communication

BSBCMM101A	Apply basic communication skills
BSBCMM201A	Communicate in the workplace

Sustainability

FPPSUS210A	Apply sustainable work practices/policies
MSACMT270A	Use sustainable energy practices
MSACMT271A	Use sustainable environmental practices

Packaging Rules**Not Yet Endorsed**

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
The following table contains a summary of the employability skills for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that may vary depending on the packaging options.	
Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> • Complete workplace forms • Read and interpret required documentation, procedures and reports • Use required forms of communication in applying basic quality practices
Teamwork	<ul style="list-style-type: none"> • Complete work in accordance with procedures and obtain appropriate sign off as required • Interpret and apply quality standards and procedures to individual and team work in accordance with SOP • Work as part of a team
Problem-solving	<ul style="list-style-type: none"> • Identify and action problems within level of responsibility • Make adjustments to processes in order to maintain specified product quality • Recognise non-standard situations and determine an appropriate action consistent with operating guidelines
Initiative and enterprise	<ul style="list-style-type: none"> • Identify and report faulty equipment according to SOP • Monitor and interpret information in relation to process control points • Query or raise matters about the scope of work if it varies from that normally undertaken
Planning and organising	<ul style="list-style-type: none"> • Identify and schedule housekeeping requirements as appropriate • Prioritise work station's process control points for checking and maintaining quality • Prioritise the need for corrective action based on potential risk or loss or damage if the required actions are not performed
Self-management	<ul style="list-style-type: none"> • Plan own work, including predicting consequences and identifying improvements • Read relevant safety information and apply safety precautions appropriate to the task/relevant to the practical operation of the process • Undertake work strictly in accordance with the provisions of any permit
Learning	<ul style="list-style-type: none"> • Correctly identify waste materials • Keep informed about changes to company quality assurance policy, practices and procedures • Make adjustments according to SOP
Technology	<ul style="list-style-type: none"> • Access, navigate and enter computer-based information • Keep plant and equipment clean and tidy • Record inspections, process variable values and/or test information in the reporting/recording system

Not Yet Endorsed

FPP20210**Certificate II in Papermaking Operations****Qualification Notes**

Total number of units = 12

2 Core units *plus*

10 Elective units

At least 1 and up to 4 elective units must be selected from a single Industry Specific group (**Groups A–I**)

A maximum of 1 elective unit must be selected from *each* of the following Support Electives groups

- Numeracy
- OHS
- Communication
- Sustainability

Remaining electives may be selected from the Supplementary Electives list and can include up to 2 units from an endorsed Training Package or state/territory accredited course

Elective units must be relevant to the work outcome sought, industry requirements and the qualification level. Units selected must not duplicate each other in content

Please note that imported units from other Training Packages are for the purpose of Industry assessment only and that any licensing requirements are to be dealt with through specific Licensing units, undertaken prior to this qualification and in such a manner as to meet state and territory licensing requirements

CORE UNITS

Unit Code	Unit Name
FPPQAS210A	Apply basic quality practices
MSAPMSUP101A	Clean workplace or equipment

ELECTIVE UNITS**INDUSTRY SPECIFIC**

Unit Code	Unit Name
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Group A: Chemical recovery operations

(co-located in Certificate II Pulping Operations)

FPPREC210A	Monitor and control chemical recovery operations
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Group B: Steam generation

(co-located in Certificate II Pulping Operations)

FPPSTM210A	Monitor and control boiler operation
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Group C: Electrical power generation

(co-located in Certificate II Pulping Operations)

FPPEPG210A	Monitor and control power generation system
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Group D: Wet end operations

FPPWEO210A	Monitor and control wet end operations
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Not Yet Endorsed

FPP20210**Certificate II in Papermaking Operations****Group E: Dry end operations**

FPPDEO210A Monitor and control dry end operations

Group F: Coated paper processes

FPPCPP210A Monitor and control coated paper processes

Group G: Finishing and converting

FPPFCO210A Monitor, control and shut down finishing and converting operations

Group H: Water services

(co-located in Supplementary Electives and Certificate II Pulping Operations)

FPPWAS210A Operate water systems

Group I: Warehousing and dispatch

FPPWAR250A Store product

FPPWAR255A Prepare and dispatch product

FPPWAR280A Warehouse product packaging

Group J: SUPPLEMENTARY ELECTIVES**Unit Code Unit Name****Chemical preparation**

FPPCPR210A Prepare chemical products

Computer / process control equipment

FPPCSK310A Operate process control equipment

MSAPMOPS212A Use enterprise computers or data systems

Emergency procedures / safety

MSAPMOHS110A Follow emergency response procedures

PMAOHS211B Prepare equipment for emergency response

Environmental monitoring

FPPENV210A Identify and monitor environmental discharges/emissions

First aid

HLTFA301B Apply first aid

MSAPMOHS220A Provide initial first aid response

Load shifting

FPPMHV210A Operate overhead crane

TLID1007C Operate a forklift

TLID107C Shift materials safely using manual handling methods

TLID1107C Conduct specialised forklift operations

TLID1307C Move materials mechanically using automated equipment

TLID207C Shift a load using manually-operated equipment

Not Yet Endorsed

FPP20210

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TLID2407C	Use specialised liquid bulk transfer equipment (gravity/pressurised)
TLID307E	Handle dangerous goods/hazardous substances
TLID3107C	Rig load
TLID3507C	Operate a boom type elevating work platform
TLID407C	Load and unload goods/cargo
TLID707C	Prepare cargo for transfer with slings
Planning and organising	
FPPPLN210A	Plan and undertake a routine task
MEM14005A	Plan a complete activity
Preventative maintenance / operator maintainer	
FPPPRM210A	Undertake operator level preventative maintenance
FPPPRM220A	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
MSACMT281A	Contribute to the application of a proactive maintenance strategy
Water services	
FPPWAS210A	Operate water systems (co-located in Industry Specific: Group H)
Primary resource operations	
FPPRES260A	Receive materials
FPPRES270A	Unload materials
Training and assessment	
TAEASS301A	Contribute to assessment
TAEDL301A	Provide work skill instruction
Laboratory operations	
MSL904001A	Perform standard calibrations
MSL973001A	Perform basic tests
Business support	
FPPREL210A	Contribute to effective working relationships
BSBWRK402A	Empower workers
BSBWRK403A	Communicate with workers
BSBWRK409A	Prepare for and participate in dispute resolution

Not Yet Endorsed

FPP20210

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TLIA2207C

Participate in stocktakes

Production support

FPPPRS210A

Identify and rectify problems in the workplace

FPPPRV210A

Operate ancillary equipment

MSACMS401A

Ensure process improvements are sustained

MSACMT220A

Apply quick changeover procedures

MSACMT240A

Apply 5S procedures in a manufacturing environment

MSACMT250A

Monitor process capability

MSACMT432A

Analyse manual handling processes

MSACMT451A

Mistake proof a production process

Security

CPPSEC2011A

Control access to and exit from premises

CPPSEC2015A

Patrol premises

Ordering / distribution / storage

FPPPUL250A

Store and distribute pulped product

MEM11016B

Order materials

TLIA1207C

Pick and process orders

TLIA1607C

Use inventory systems to organise stock control

Group K: SUPPORT ELECTIVES

Unit Code

Unit Name

Numeracy

FPPNUM210A

Estimate and calculate basic data

MEM12024A

Perform computations

MSACMT230A

Apply cost factors to work practices

OHS

FPPOHS210A

Participate in OHS processes

FPPOHS310A

Contribute to OHS processes

Communication

BSBCMM101A

Apply basic communication skills

BSBCMM201A

Communicate in the workplace

Sustainability

FPPSUS210A

Apply sustainable work practices/policies

MSACMT270A

Use sustainable energy practices

MSACMT271A

Use sustainable environmental practices

Packaging Rules

Not Yet Endorsed

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
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Problem-solving	<ul style="list-style-type: none"> • Identify and action problems within level of responsibility • Make adjustments to processes in order to maintain specified product quality • Recognise non-standard situations and then determine an appropriate action which is consistent with operating guidelines
Initiative and enterprise	<ul style="list-style-type: none"> • Identify and report faulty equipment according to SOP • Monitor and interpret information in relation to process control points • Query or raise matters about the scope of work if it varies from that normally undertaken
Planning and organising	<ul style="list-style-type: none"> • Identify and schedule housekeeping requirements as appropriate • Prioritise work station's process control points for checking and maintaining quality • Prioritise the need for corrective action based on potential risk or loss or damage if the required actions are not performed
Self-management	<ul style="list-style-type: none"> • Plan own work, including predicting consequences and identifying improvements • Read relevant safety information and apply safety precautions appropriate to the task/relevant to the practical operation of the process • Undertake work strictly in accordance with the provisions of any permit
Learning	<ul style="list-style-type: none"> • Correctly identify waste materials • Keep informed about changes to company quality assurance policy, practices and procedures • Make adjustments according to SOP
Technology	<ul style="list-style-type: none"> • Access, navigate and enter computer-based information • Keep plant and equipment clean and tidy • Record inspections, process variable values and/or test information in the reporting/recording system

Not Yet Endorsed

FPP30110**Certificate III in Pulping Operations****Qualification Notes**

Total number of units = 11

2 Core units *plus*

9 Elective units

At least 1 and up to 3 elective units must be selected from a single Industry Specific group (**Groups A–H**), and must include a start up, shut down or troubleshoot and rectify unit

A maximum of 1 elective unit must be selected from *each* of the following Support Electives groups

- Numeracy
- OHS
- Quality
- Sustainability

Remaining electives may be selected from the Supplementary Electives list and can include up to 2 units from an endorsed Training Package or state/territory accredited course

Elective units must be relevant to the work outcome sought, industry requirements and the qualification level. Units selected must not duplicate each other in content

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CORE UNITS**Unit Code****Unit Name**

FPPPRS210A

Identify and rectify problems in the workplace

BSBCMM201A

Communicate in the workplace

ELECTIVE UNITS**INDUSTRY SPECIFIC****Unit Code****Unit Name****Group A: Chemical recovery operations**

(co-located in Certificate III Papermaking Operations)

FPPREC210A

Monitor and control chemical recovery operations

FPPREC320A

Prepare and start up chemical recovery operations

FPPREC330A

Co-ordinate and implement chemical recovery shutdowns

Group B: Steam generation

(co-located in Certificate III Papermaking Operations)

FPPSTM210A

Monitor and control boiler operation

FPPSTM320A

Manage steam boiler startup

FPPSTM330A

Shut down and bank steam boiler

Not Yet Endorsed

FPP30110 Certificate III in Pulping Operations**Group C: Electrical power generation**

(co-located in Certificate III Papermaking Operations)

FPPEPG210A	Monitor and control power generation system
FPPEPG320A	Manage a power generation system startup
FPPEPG330A	Co-ordinate power generation system shutdown

Group D: Stock preparations operations

FPPSPR210A	Monitor and control stock preparation systems
FPPSPR320A	Prepare and start up stock preparation system for production
FPPSPR330A	Co-ordinate and implement stock preparation system shutdown

Group E: Pulping operations

FPPPUL210A	Monitor and control pulping operations
FPPPUL320A	Prepare and start up pulping system operations
FPPPUL330A	Co-ordinate and implement pulping plant shutdowns

Group F: Waste paper operations

FPPWPO210A	Monitor and control waste paper operations
FPPWPO320A	Prepare and start up waste paper operations
FPPWPO330A	Co-ordinate and implement waste paper shutdown

Group G: Primary resource operations

FPPRES210A	Prepare and operate the woodchip production system
FPPRES340A	Troubleshoot and rectify primary resource operations

Group H: Water services

(co-located in Supplementary Electives and Certificate III Papermaking Operations)

FPPWAS340A	Troubleshoot and rectify water systems
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Group I: SUPPLEMENTARY ELECTIVES

Unit Code	Unit Name
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Chemical preparation

FPPCPR210A	Prepare chemical products
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Computer / process control equipment

FPPCSK310A	Operate process control equipment
MSAPMOPS212A	Use enterprise computers or data systems

Emergency procedures / safety

BSBOHS402B	Contribute to the implementation of the OHS consultation process
BSBOHS403B	Identify hazards and assess OHS risks
BSBOHS407A	Monitor a safe workplace
MSAPMOHS110A	Follow emergency response procedures
PMAOHS211B	Prepare equipment for emergency response

Not Yet Endorsed

FPP30110

Certificate III in Pulping Operations

Environmental monitoring

FPPENV210A Identify and monitor environmental discharges/emissions

FPPENV320A Monitor and control environmental hazards

First aid

HLTFA301B Apply first aid

MSAPMOHS220A Provide initial first aid response

Load shifting

FPPMHV210A Operate overhead crane

TLID1007C Operate a forklift

TLID1107C Conduct specialised forklift operations

TLID1307C Move materials mechanically using automated equipment

TLID2407C Use specialised liquid bulk transfer equipment (gravity/pressurised)

TLID307E Handle dangerous goods/hazardous substances

TLID3107C Rig load

TLID3507C Operate a boom type elevating work platform

TLID707C Prepare cargo for transfer with slings

Planning and organising

MEM14005A Plan a complete activity

MEM30020A Develop and manage a plan for a simple manufacturing related project

BSBADM405B Organise meetings

Preventative maintenance / operator maintainer

FPPPRM210A Undertake operator level preventative maintenance

FPPPRM220A Perform lubrication

MEM09002B Interpret technical drawing

MEM12023A Perform engineering measurements

MEM18001C Use hand tools

MEM18002B Use power tools/hand held operations

MEM18003C Use tools for precision work

MEM18006C Repair and fit engineering components

MEM18007B Maintain and repair mechanical drives and mechanical transmission assemblies

MEM18009B Perform levelling and alignment of machines and engineering components

MEM18010C Perform equipment condition monitoring and recording (*unit has pre-requisites*)

MEM09002B Interpret technical drawing

Not Yet Endorsed

FPP30110

Certificate III in Pulping Operations

- MEM12023A Perform engineering measurements
- MEM18001C Use hand tools
- MEM18002B Use power tools/hand held operations
- MEM18055B Dismantle, replace and assemble engineering components)
- MEM18055B Dismantle, replace and assemble engineering components
- MSACMT281A Contribute to the application of a proactive maintenance strategy

Water services

- FPPWAS210A Operate water systems
- FPPWAS340A Troubleshoot and rectify water systems (co-located in Industry Specific: Group H)

Business support

- FPPREL210A Contribute to effective working relationships
- BSBFLM305C Support operational plan
- BSBFLM309C Support continuous improvement systems and processes
- BSBFLM311C Support a workplace learning environment
- BSBFLM312C Contribute to team effectiveness
- BSBRES401A Analyse and present research information
- BSBRK401A 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
- BSBWRK409A Prepare for and participate in dispute resolution

Training and assessment

- TAEASS301A Contribute to assessment
- TAEDEL301A Provide work skill instruction
- TAEDEL404A Mentor in the workplace
- TAEASS401A Plan assessment activities and processes
- TAEASS402A Assess competence
- TAEASS403A Participate in assessment validation

Laboratory operations

- MSL904001A Perform standard calibrations
- MSL973001A Perform basic tests

Not Yet Endorsed

FPP30110**Certificate III in Pulping Operations****Production support**

FPPPRS320A	Solve systemic problems in the workplace
FPPPRV210A	Operate ancillary equipment
FPPPRV320A	Co-ordinate and direct clothing changes
MEM18011C	Shut down and isolate machines/equipment
MSACMS401A	Ensure process improvements are sustained
MSACMT220A	Apply quick changeover procedures
MSACMT240A	Apply 5S procedures in a manufacturing environment
MSACMT250A	Monitor process capability
MSACMT432A	Analyse manual handling processes
MSACMT440A	Lead 5S in a manufacturing environment
MSACMT451A	Mistake proof a production process

Security

CPPSEC2011A	Control access to and exit from premises
CPPSEC2015A	Patrol premises
CPPSEC3007A	Maintain security of environment

Turbine operations

UEPOPS341A	Shut down a steam turbine
UEPOPS411A	Run up a steam turbine

Group J: SUPPORT ELECTIVES

Unit Code	Unit Name
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Numeracy

FPPNUM210A	Estimate and calculate basic data
FPPNUM320A	Measure and calculate routine workplace data
MSACMT452A	Apply statistics to processes in manufacturing

OHS

FPPOHS310A	Contribute to OHS processes
FPPOHS320A	Maintain OHS processes

Quality

FPPQAS210A	Apply basic quality practices
MSACMT251A	Apply quality standards

Sustainability

FPPSUS210A	Apply sustainable work practices/policies
MSACMT270A	Use sustainable energy practices
MSACMT271A	Use sustainable environmental practices

Not Yet Endorsed

**FPP30110
Packaging Rules**

Certificate III in Pulping Operations

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
The following table contains a summary of the employability skills for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that may vary depending on the packaging options.	
Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> • Document and report problems and solutions • Read and interpret required documentation, procedures and reports • Use required forms of communication in identifying and rectifying problems in the workplace
Teamwork	<ul style="list-style-type: none"> • Communicate in a way that responds positively to individual differences • Report problems and solutions to relevant personnel as required • Request advice and receive feedback
Problem-solving	<ul style="list-style-type: none"> • Analyse and use sensory information to adjust processes to maximise safety, quality and productivity • Identify and describe problems and their effects within OHS regulations, environmental and safe working requirements/practices, SOP and housekeeping requirements • Rectify problems within level of responsibility
Initiative and enterprise	<ul style="list-style-type: none"> • Determine impact of problems on machinery performance • Take timely corrective action to maximise safety, quality and productivity • Use troubleshooting guides and diagnostic procedures
Planning and organising	<ul style="list-style-type: none"> • Identify work requirements, and understand and process basic workplace documentation • Plan work priorities and arrangements • Prioritise possible causes for investigation
Self-management	<ul style="list-style-type: none"> • Analyse and determine possible problem causes in a timely manner • Maintain situational awareness in the work area • Respond to instructions or enquiries promptly and in accordance with organisational requirements
Learning	<ul style="list-style-type: none"> • Communicate effectively with personnel to assist with analysis and resolution of operational problems • Identify, access and interpret relevant historical and operational data and information • Keep informed of changes to legislation, licensing and certification requirements
Technology	<ul style="list-style-type: none"> • Access, navigate and enter computer-based information • Select and use technology appropriate to communication tasks • Use electronic and other control systems to control equipment and processes as required

Not Yet Endorsed

FPP30210**Certificate III in Papermaking Operations****Qualification Notes**

Total number of units = 11

2 Core units *plus*

9 Elective units

At least 1 and up to 3 elective units must be selected from a single Industry Specific group (**Groups A–H**), and must include a start up, shut down or troubleshoot and rectify unit

A maximum of 1 elective unit must be selected from *each* of the following Support Electives groups

- Numeracy
- OHS
- Quality
- Sustainability

Remaining electives may be selected from the Supplementary Electives list and can include up to 2 units from an endorsed Training Package or state/territory accredited course

Elective units must be relevant to the work outcome sought, industry requirements and the qualification level. Units selected must not duplicate each other in content

Please note that imported units from other Training Packages are for the purpose of Industry assessment only and that any licensing requirements are to be dealt with through specific Licensing units, undertaken prior to this qualification and in such a manner as to meet state and territory licensing requirements

CORE UNITS**Unit Code****Unit Name**

FPPPRS210A

Identify and rectify problems in the workplace

BSBCMM201A

Communicate in the workplace

ELECTIVE UNITS**INDUSTRY SPECIFIC****Unit Code****Unit Name****Group A: Chemical recovery operations**

(co-located in Certificate III Pulping Operations)

FPPREC210A

Monitor and control chemical recovery operations

FPPREC320A

Prepare and start up chemical recovery operations

FPPREC330A

Co-ordinate and implement chemical recovery shutdowns

Group B: Steam generation

(co-located in Certificate III Pulping Operations)

FPPSTM210A

Monitor and control boiler operation

FPPSTM320A

Manage steam boiler startup

FPPSTM330A

Shut down and bank steam boiler

Group C: Electrical power generation

(co-located in Certificate III Pulping Operations)

Not Yet Endorsed

FPP30210 Certificate III in Papermaking Operations

FPPEPG210A	Monitor and control power generation system
FPPEPG320A	Manage a power generation system startup
FPPEPG330A	Co-ordinate power generation system shutdown

Group D: Wet end operations

FPPWEO210A	Monitor and control wet end operations
FPPWEO320A	Prepare and start up wet end operations
FPPWEO330A	Co-ordinate and implement wet end shutdown

Group E: Dry end operations

FPPDEO210A	Monitor and control dry end operations
FPPDEO320A	Prepare and start up dry end operations
FPPDEO330A	Co-ordinate and implement dry end shutdown

Group F: Coated paper processes

FPPCPP210A	Monitor and control coated paper processes
FPPCPP320A	Prepare and start up coated paper processes
FPPCPP330A	Co-ordinate the shutdown of coated paper processes

Group G: Finishing and converting

FPPFCO320A	Prepare and start up finishing and converting operations
FPPFCO340A	Troubleshoot and rectify finishing and converting systems

Group H: Water services

(co-located in Supplementary Electives and Certificate III Pulping Operations)

FPPWAS340A	Troubleshoot and rectify water systems
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Group I: SUPPLEMENTARY ELECTIVES

Unit Code	Unit Name
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Chemical preparation

FPPCPR210A	Prepare chemical products
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Computer / process control equipment

FPPCSK310A	Operate process control equipment
MSAPMOPS212A	Use enterprise computers or data systems

Emergency procedures / safety

BSBOHS402B	Contribute to the implementation of the OHS consultation process
BSBOHS403B	Identify hazards and assess OHS risks
BSBOHS407A	Monitor a safe workplace
MSAPMOHS110A	Follow emergency response procedures
PMAOHS211B	Prepare equipment for emergency response

Environmental monitoring

FPPENV210A	Identify and monitor environmental discharges/emissions
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Not Yet Endorsed

FPP30210**Certificate III in Papermaking Operations**

FPPENV320A

Monitor and control environmental hazards

First aid

HLTFA301B

Apply first aid

MSAPMOHS220A

Provide initial first aid response

Load shifting

FPPMHV210A

Operate overhead crane

TLID1007C

Operate a forklift

TLID1107C

Conduct specialised forklift operations

TLID1307C

Move materials mechanically using automated equipment

TLID2407C

Use specialised liquid bulk transfer equipment
(gravity/pressurised)

TLID307E

Handle dangerous goods/hazardous substances

TLID3107C

Rig load

TLID3507C

Operate a boom type elevating work platform

TLID707C

Prepare cargo for transfer with slings

Planning and organising

BSBADM405B

Organise meetings

MEM14005A

Plan a complete activity

MEM30020A

Develop and manage a plan for a simple manufacturing related project

Preventative maintenance / operator maintainer

FPPPRM210A

Undertake operator level preventative maintenance

FPPPRM220A

Perform lubrication

MEM09002B

Interpret technical drawing

MEM12023A

Perform engineering measurements

MEM18001C

Use hand tools

MEM18002B

Use power tools/hand held operations

MEM18003C

Use tools for precision work

MEM18006C

Repair and fit engineering components

MEM18007B

Maintain and repair mechanical drives and mechanical transmission assemblies

MEM18009B

Perform levelling and alignment of machines and engineering components

MEM18010C

Perform equipment condition monitoring and recording (*unit has pre-requisites*)

MEM09002B Interpret technical drawing

MEM12023A Perform engineering measurements

MEM18001C Use hand tools

Not Yet Endorsed

FPP30210

Certificate III in Papermaking Operations

- MEM18002B Use power tools/hand held operations
- MEM18055B Dismantle, replace and assemble engineering components)
- MEM18055B Dismantle, replace and assemble engineering components
- MSACMT281A Contribute to the application of a proactive maintenance strategy

Water services

- FPPWAS210A Operate water systems
- FPPWAS340A Troubleshoot and rectify water systems (co-located in Industry Specific: Group H)

Business support

- FPPREL210A Contribute to effective working relationships
- BSBFLM305C Support operational plan
- BSBFLM309C Support continuous improvement systems and processes
- BSBFLM311C Support a workplace learning environment
- BSBFLM312C Contribute to team effectiveness
- BSBRES401A Analyse and present research information
- BSBRISK401A 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
- BSBWRK409A Prepare for and participate in dispute resolution

Training and assessment

- TAEASS301A Contribute to assessment
- TAEDEL301A Provide work skill instruction
- TAEDEL404A Mentor in the workplace
- TAEASS401A Plan assessment activities and processes
- TAEASS402A Assess competence
- TAEASS403A Participate in assessment validation

Laboratory operations

- MSL904001A Perform standard calibrations
- MSL973001A Perform basic tests

Production support

- FPPPRS320A Solve systemic problems in the workplace

Not Yet Endorsed

FPP30210

Certificate III in Papermaking Operations

FPPPRV210A	Operate ancillary equipment
FPPPRV320A	Co-ordinate and direct clothing changes
MEM18011C	Shut down and isolate machines/equipment
MSACMS401A	Ensure process improvements are sustained
MSACMT220A	Apply quick changeover procedures
MSACMT240A	Apply 5S procedures in a manufacturing environment
MSACMT250A	Monitor process capability
MSACMT432A	Analyse manual handling processes
MSACMT440A	Lead 5S in a manufacturing environment
MSACMT451A	Mistake proof a production process

Security

CPPSEC2011A	Control access to and exit from premises
CPPSEC2015A	Patrol premises
CPPSEC3007A	Maintain security of environment

Group J: SUPPORT ELECTIVES

Unit Code

Unit Name

Numeracy

FPPNUM210A	Estimate and calculate basic data
FPPNUM320A	Measure and calculate routine workplace data
MSACMT452A	Apply statistics to processes in manufacturing

OHS

FPPOHS310A	Contribute to OHS processes
FPPOHS320A	Maintain OHS processes

Quality

FPPQAS210A	Apply basic quality practices
MSACMT251A	Apply quality standards

Sustainability

FPPSUS210A	Apply sustainable work practices/policies
MSACMT270A	Use sustainable energy practices
MSACMT271A	Use sustainable environmental practices

Packaging Rules

Not Yet Endorsed

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
The following table contains a summary of the employability skills for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that may vary depending on the packaging options.	
Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> • Document and report problems and solutions • Read and interpret required documentation, procedures and reports • Use required forms of communication in identifying and rectifying problems in the workplace
Teamwork	<ul style="list-style-type: none"> • Communicate in a way that responds positively to individual differences • Report problems and solutions to relevant personnel as required • Request advice and receive feedback
Problem-solving	<ul style="list-style-type: none"> • Analyse and use sensory information to adjust process to maximise safety, quality and productivity • Identify and describe problems and their effects within OHS regulations, environmental and safe working requirements/practices, SOP and housekeeping requirements • Rectify problems within level of responsibility
Initiative and enterprise	<ul style="list-style-type: none"> • Determine impact of problems on machinery performance • Take timely corrective action to maximise safety, quality and productivity • Use troubleshooting guides and diagnostic procedures
Planning and organising	<ul style="list-style-type: none"> • Identify work requirements, and understand and process basic workplace documentation • Plan work priorities and arrangements • Prioritise possible causes for investigation
Self-management	<ul style="list-style-type: none"> • Analyse and determine possible problem causes in a timely manner • Maintain situational awareness in the work area • Respond to instructions or enquiries promptly and in accordance with organisational requirements
Learning	<ul style="list-style-type: none"> • Communicate effectively with personnel to assist with analysis and resolution of operational problems • Identify, access and interpret relevant historical and operational data and information • Keep informed of changes to legislation, licensing and certification requirements
Technology	<ul style="list-style-type: none"> • Access, navigate and enter computer-based information • Select and use technology appropriate to communication tasks • Use electronic and other control systems to control equipment and processes as required

Not Yet Endorsed

FPP40110

Certificate IV in Pulping Operations

Qualification Notes

Entry Requirements

The following units of competency must be achieved either prior to enrolling in a qualification or being issued a qualification in Certificate IV in Pulping Operations

Please note that imported units from other Training Packages are for the purpose of Industry assessment only and that any licensing requirements are to be dealt with through specific Licensing Units, undertaken prior to this qualification and in such a manner as to meet state and territory licensing requirements

If **Group A** Elective is chosen:

FPPREC210A Monitor and control chemical recovery operations

FPPREC320A Prepare and start up chemical recovery operations

FPPREC330A Co-ordinate and implement chemical recovery shutdowns

If **Group B** Elective is chosen:

FPPSTM210A Monitor and control boiler operation

FPPSTM320A Manage steam boiler startup

FPPSTM330A Shut down and bank steam boiler

If **Group C** Elective is chosen:

FPPEPG210A Monitor and control power generation system

FPPEPG320A Manage a power generation system startup

FPPEPG330A Co-ordinate power generation system shutdown

If **Group D** Elective is chosen:

FPPSPR210A Monitor and control stock preparation systems

FPPSPR320A Prepare and start up stock preparation system for production

FPPSPR330A Co-ordinate and implement stock preparation system shutdown

If **Group E** Elective is chosen:

FPPPUL210A Monitor and control pulping operations

FPPPUL250A Store and distribute pulped product

FPPPUL320A Prepare and start up pulping system operations

If **Group F** Elective is chosen:

FPPWPO210A Monitor and control waste paper operations

FPPWPO320A Prepare and start up waste paper operations

FPPWPO330A Co-ordinate and implement waste paper shutdown

Total number of units = 10

2 Core units *plus*

8 Elective units

A maximum of 1 elective unit must be selected from a single Industry Specific group (**Groups A–F**)

Not Yet Endorsed

FPP40110**Certificate IV in Pulping Operations**

A maximum of 1 elective unit must be selected from *each* of the following Support Electives groups

- Numeracy
- OHS
- Quality
- Sustainability

Remaining electives may be selected from the Supplementary Electives list and can include up to 2 units from an endorsed Training Package or state/territory accredited course

Elective units must be relevant to the work outcome sought, industry requirements and the qualification level. Units selected must not duplicate each other in content

CORE UNITS**Unit Code****Unit Name**

FPPPRS320A

Solve systemic problems in the workplace

TLIE607D

Collect, analyse and present workplace data and information

ELECTIVE UNITS**INDUSTRY SPECIFIC****Unit Code****Unit Name****Group A: Chemical recovery operations**

(co-located in Certificate IV Papermaking Operations)

FPPREC440A

Troubleshoot and rectify chemical recovery operations

Group B: Steam generation

(co-located in Certificate IV Papermaking Operations)

FPPSTM440A

Troubleshoot and rectify boiler plant systems

Group C: Electrical power generation

(co-located in Certificate IV Papermaking Operations)

FPPEPG440A

Troubleshoot and rectify power generation system

Group D: Stock preparations operations

FPPSPR440A

Troubleshoot and rectify stock preparation systems

Group E: Pulping operations

FPPPUL440A

Troubleshoot and rectify pulping processes

Group F: Waste paper operations

FPPWPO440A

Troubleshoot and rectify waste paper operations

Group G: SUPPLEMENTARY ELECTIVES**Unit Code****Unit Name****Computers / process control equipment**

FPPCSK310A

Operate process control equipment

Not Yet Endorsed

FPP40110**Certificate IV in Pulping Operations****Emergency procedures / safety**

FPPOHS410A	Identify, assess and control OHS risk in own work
BSBOHS401B	Contribute to the implementation of a systematic approach to managing OHS
BSBOHS402B	Contribute to the implementation of the OHS consultation process
BSBOHS403B	Identify hazards and assess OHS risks
BSBOHS404B	Contribute to the implementation of strategies to control OHS risk
BSBOHS405B	Contribute to the implementation of emergency procedures
BSBOHS406C	Use equipment to conduct workplace monitoring
BSBOHS407A	Monitor a safe workplace
BSBOHS408A	Assist with compliance with OHS and other laws
MSAPMOHS110A	Follow emergency response procedures

Environmental monitoring

FPPENV320A	Monitor and control environmental hazards
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First aid

MSAPMOHS220A	Provide initial first aid response
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Planning and organising

FPPPLN420A	Plan a complex activity
BSBADM405B	Organise meetings
MEM14005A	Plan a complete activity
MEM30020A	Develop and manage a plan for a simple manufacturing related project
PSPPM402B	Manage simple projects

Water services

FPPWAS340A	Troubleshoot and rectify water systems
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Business support

FPPQAS430A	Oversee quality assurance process
BSBCMM401A	Make a presentation
BSBFLM305C	Support operational plan
BSBFLM309C	Support continuous improvement systems and processes
BSBFLM311C	Support a workplace learning environment
BSBREL401A	Establish networks
BSBRSK401A	Identify risk and apply risk management processes
BSBWOR401A	Establish effective workplace relationships
BSBWOR402A	Promote team effectiveness

Not Yet Endorsed

FPP40110**Certificate IV in Pulping Operations**

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
BSBWRK409A	Prepare for and participate in dispute resolution
MSAPMSUP382A	Provide coaching/mentoring in the workplace
Training and assessment	
TAAASS501B	Lead and coordinate assessment systems and services
TAADES502B	Design and develop learning resources
TAEASS301A	Contribute to assessment
TAEASS502A	Design and develop assessment tools
TAEDEL401A	Plan, organise and deliver group-based learning
TAEDEL402A	Plan, organise and facilitate learning in the workplace
TAEDEL404A	Mentor in the workplace
TAEDES401A	Design and develop learning programs
TAEDES402A	Use training packages and accredited courses to meet client needs
TAETAS501A	Undertake organisational training needs analysis
TAEASS401A	Plan assessment activities and processes
TAEASS402A	Assess competence
TAEASS403A	Participate in assessment validation
Laboratory operations	
MSL904001A	Perform standard calibrations
Production support	
FPPPRV320A	Co-ordinate and direct clothing changes
MEM18011C	Shut down and isolate machines/equipment
MSACMC411A	Lead a competitive manufacturing team
MSACMS400A	Implement a competitive manufacturing system
MSACMS401A	Ensure process improvements are sustained
MSACMT220A	Apply quick changeover procedures
MSACMT240A	Apply 5S procedures in a manufacturing environment
MSACMT250A	Monitor process capability
MSACMT432A	Analyse manual handling processes
MSACMT440A	Lead 5S in a manufacturing environment

Not Yet Endorsed

FPP40110

Certificate IV in Pulping Operations

MSACMT451A Mistake proof a production process

Turbine operations

UEPOPS341A Shut down a steam turbine

UEPOPS411A Run up a steam turbine

Group H: SUPPORT ELECTIVES

Unit Code Unit Name

Numeracy

FPPNUM320A Measure and calculate routine workplace data

FPPNUM430A Calculate and analyse production and financial performance

MSACMT452A Apply statistics to processes in manufacturing

OHS

FPPOHS320A Maintain OHS processes

FPPOHS420A Manage OHS processes

Quality

FPPQAS420A Co-ordinate in-process quality assurance

MSACMT251A Apply quality standards

MSAPMSUP400A Develop and monitor quality systems

Sustainability

FPPSUS210A Apply sustainable work practices/policies

MSACMT270A Use sustainable energy practices

MSACMT271A Use sustainable environmental practices

MSAENV472B Implement and monitor environmentally sustainable work practices

Packaging Rules

Not Yet Endorsed

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
The following table contains a summary of the employability skills for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that may vary depending on the packaging options.	
Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> • Communicate effectively with others when collecting, analysing and presenting workplace data and information • Communicate outcomes of problem solutions to team and appropriate personnel • Read complex text
Teamwork	<ul style="list-style-type: none"> • Assemble team for analysis • Lead and manage team processes • Refer problems to appropriate group or department
Problem-solving	<ul style="list-style-type: none"> • Devise appropriate action and solutions to typical presentation and communication problems • Promptly report and/or rectify any identified problems that may arise when collecting, analysing and presenting workplace data and information in accordance with regulatory requirements and workplace procedures • Rectify problems within level of responsibility
Initiative and enterprise	<ul style="list-style-type: none"> • Identify causes and effects of faults and corrective action on associated processes • Implement contingency plans if required • Modify activities depending on differing operational contingencies, risk situations and environments
Planning and organising	<ul style="list-style-type: none"> • Develop action plan including contingencies • Identify and organise resources to implement action plan • Organise and present processed information in a logical manner
Self-management	<ul style="list-style-type: none"> • Demonstrate leadership • Interpret and follow operational instructions and prioritise work • Maintain situational awareness in work area
Learning	<ul style="list-style-type: none"> • Assess available types of problem solving activities/methodologies and determine most appropriate, such as e-learning tools • Assist others to identify and resolve operational problems in the workplace • Assist team members where required
Technology	<ul style="list-style-type: none"> • Identify and use required communication and presentation technology • Solve systemic problems in the pulp and paper industry, typically involving complex integrated equipment and continuous operations • Use electronic and other control systems to control equipment and processes as required

Not Yet Endorsed

FPP40210

Certificate IV in Papermaking Operations

Qualification Notes

Entry Requirements

The following units of competency must be achieved either prior to enrolling in a qualification or being issued a qualification in Certificate IV in Papermaking Operations

Please note that imported units from other Training Packages are for the purpose of Industry assessment only and that any licensing requirements are to be dealt with through specific Licensing Units, undertaken prior to this qualification and in such a manner as to meet state and territory licensing requirements

If **Group A** Elective is chosen:

FPPREC210A Monitor and control chemical recovery operations

FPPREC320A Prepare and start up chemical recovery operations

FPPREC330A Co-ordinate and implement chemical recovery shutdowns

If **Group B** Elective is chosen:

FPPSTM210A Monitor and control boiler operation

FPPSTM320A Manage steam boiler startup

FPPSTM330A Shut down and bank steam boiler

If **Group C** Elective is chosen:

FPPEPG210A Monitor and control power generation system

FPPEPG320A Manage a power generation system startup

FPPEPG330A Co-ordinate power generation system shutdown

If **Group D** Elective is chosen:

FPPWEO210A Monitor and control wet end operations

FPPWEO320A Prepare and start up wet end operations

FPPWEO330A Co-ordinate and implement wet end shutdown

If **Group E** Elective is chosen:

FPPDEO210A Monitor and control dry end operations

FPPDEO320A Prepare and start up dry end operations

FPPDEO330A Co-ordinate and implement dry end shutdown

If **Group F** Elective is chosen

FPPCPP210A Monitor and control coated paper processes

FPPCPP320A Prepare and start up coated paper processes

FPPCPP330A Co-ordinate the shutdown of coated paper processes

If **Group G** Elective is chosen:

FPPFCO210A Monitor, control and shut down finishing and converting operations

FPPFCO320A Prepare and start up finishing and converting operations

Total number of units = 10

2 Core units *plus*

8 Elective units

Not Yet Endorsed

FPP40210**Certificate IV in Papermaking Operations**

A maximum of 1 elective unit must be selected from a single Industry Specific group
(Groups A–G)

A maximum of 1 elective unit must be selected from *each* of the following Support Electives groups

- Numeracy
- OHS
- Quality
- Sustainability

Remaining electives may be selected from the Supplementary Electives list and can include up to 2 units from an endorsed Training Package or state/territory accredited course

Elective units must be relevant to the work outcome sought, industry requirements and the qualification level. Units selected must not duplicate each other in content

CORE UNITS

Unit Code	Unit Name
FPPPRS320A	Solve systemic problems in the workplace
TLIE607D	Collect, analyse and present workplace data and information

ELECTIVE UNITS**INDUSTRY SPECIFIC**

Unit Code	Unit Name
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Group A: Chemical recovery operations

(co-located in Certificate IV Pulping Operations)

FPPREC440A	Troubleshoot and rectify chemical recovery operations
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Group B: Steam generation

(co-located in Certificate IV Pulping Operations)

FPPSTM440A	Troubleshoot and rectify boiler plant systems
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Group C: Electrical power generation

(co-located in Certificate IV Pulping Operations)

FPPEPG440A	Troubleshoot and rectify power generation system
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Group D: Wet end operations

FPPWEO440A	Troubleshoot and rectify wet end systems
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Group E: Dry end operations

FPPDEO440A	Troubleshoot and rectify dry end systems
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Group F: Coated paper processes

FPPCPP440A	Troubleshoot and rectify coated paper processes
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Group G: Finishing and converting

FPPFCO340A	Troubleshoot and rectify finishing and converting systems
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Group H: SUPPLEMENTARY ELECTIVES

Not Yet Endorsed

FPP40210 Certificate IV in Papermaking Operations**Unit Code****Unit Name****Computers / process control equipment**

FPPCSK310A Operate process control equipment

Emergency procedures / safety

FPPOHS410A Identify, assess and control OHS risk in own work

BSBOHS401B Contribute to the implementation of a systematic approach to managing OHS

BSBOHS402B Contribute to the implementation of the OHS consultation process

BSBOHS403B Identify hazards and assess OHS risks

BSBOHS404B Contribute to the implementation of strategies to control OHS risk

BSBOHS405B Contribute to the implementation of emergency procedures

BSBOHS406C Use equipment to conduct workplace monitoring

BSBOHS407A Monitor a safe workplace

BSBOHS408A Assist with compliance with OHS and other laws

MSAPMOHS110A Follow emergency response procedures

Environmental monitoring

FPPENV320A Monitor and control environmental hazards

First aid

MSAPMOHS220A Provide initial first aid response

Planning and organising

FPPPLN420A Plan a complex activity

BSBADM405B Organise meetings

MEM14005A Plan a complete activity

MEM30020A Develop and manage a plan for a simple manufacturing related project

PSPPM402B Manage simple projects

Water services

FPPWAS340A Troubleshoot and rectify water systems

Business support

FPPQAS430A Oversee quality assurance process

BSBCMM401A Make a presentation

BSBFLM305C Support operational plan

BSBFLM309C Support continuous improvement systems and processes

BSBFLM311C Support a workplace learning environment

BSBREL401A Establish networks

BSBRSK401A Identify risk and apply risk management processes

BSBWOR401A Establish effective workplace relationships

Not Yet Endorsed

FPP40210

Certificate IV in Papermaking Operations

BSBWOR402A	Promote team effectiveness
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
BSBWRK409A	Prepare for and participate in dispute resolution
MSAPMSUP382A	Provide coaching/mentoring in the workplace

Training and assessment

TAAASS501B	Lead and coordinate assessment systems and services
TAADES502B	Design and develop learning resources
TAEASS301A	Contribute to assessment
TAEASS502A	Design and develop assessment tools
TAEDEL401A	Plan, organise and deliver group-based learning
TAEDEL402A	Plan, organise and facilitate learning in the workplace
TAEDEL404A	Mentor in the workplace
TAEDES401A	Design and develop learning programs
TAEDES402A	Use training packages and accredited courses to meet client needs
TAETAS501A	Undertake organisational training needs analysis
TAEASS401A	Plan assessment activities and processes
TAEASS402A	Assess competence
TAEASS403A	Participate in assessment validation

Laboratory operations

MSL904001A	Perform standard calibrations
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Production support

FPPPRV320A	Co-ordinate and direct clothing changes
MEM18011C	Shut down and isolate machines/equipment
MSACMC411A	Lead a competitive manufacturing team
MSACMS400A	Implement a competitive manufacturing system
MSACMS401A	Ensure process improvements are sustained
MSACMT220A	Apply quick changeover procedures
MSACMT240A	Apply 5S procedures in a manufacturing environment
MSACMT250A	Monitor process capability
MSACMT432A	Analyse manual handling processes
MSACMT440A	Lead 5S in a manufacturing environment

Not Yet Endorsed

FPP40210

Certificate IV in Papermaking Operations

MSACMT451A Mistake proof a production process

Turbine operations

UEPOPS341A Shut down a steam turbine

UEPOPS411A Run up a steam turbine

Group I: SUPPORT ELECTIVES

Unit Code

Unit Name

Numeracy

FPPNUM320A Measure and calculate routine workplace data

FPPNUM430A Calculate and analyse production and financial performance

MSACMT452A Apply statistics to processes in manufacturing

OHS

FPPOHS320A Maintain OHS processes

FPPOHS420A Manage OHS processes

Quality

FPPQAS420A Co-ordinate in-process quality assurance

MSACMT251A Apply quality standards

MSAPMSUP400A Develop and monitor quality systems

Sustainability

FPPSUS210A Apply sustainable work practices/policies

MSACMT270A Use sustainable energy practices

MSACMT271A Use sustainable environmental practices

MSAENV472B Implement and monitor environmentally sustainable work practices

Packaging Rules

Not Yet Endorsed

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
The following table contains a summary of the employability skills for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that may vary depending on the packaging options.	
Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> • Communicate effectively with others when collecting, analysing and presenting workplace data and information • Communicate outcomes of problem solutions to team and appropriate personnel • Read complex text
Teamwork	<ul style="list-style-type: none"> • Assemble team for analysis • Lead and manage team processes • Refer problems to appropriate group or department
Problem-solving	<ul style="list-style-type: none"> • Devise appropriate action and solutions to typical presentation and communication problems • Promptly report and/or rectify any identified problems that may arise when collecting, analysing and presenting workplace data and information in accordance with regulatory requirements and workplace procedures • Rectify problems within level of responsibility
Initiative and enterprise	<ul style="list-style-type: none"> • Identify causes and effects of faults and corrective action on associated processes • Implement contingency plans if required • Modify activities depending on differing operational contingencies, risk situations and environments
Planning and organising	<ul style="list-style-type: none"> • Develop action plan including contingencies • Identify and organise resources to implement action plan • Organise and present processed information in a logical manner
Self-management	<ul style="list-style-type: none"> • Demonstrate leadership • Interpret and follow operational instructions and prioritise work • Maintain situational awareness in work area
Learning	<ul style="list-style-type: none"> • Assess available types of problem solving activities/methodologies and determine most appropriate, such as e-learning tools • Assist others to identify and resolve operational problems in the workplace • Assist team members where required
Technology	<ul style="list-style-type: none"> • Identify and use required communication and presentation technology • Solve systemic problems in the pulp and paper industry, which typically involves complex integrated equipment and continuous operations • Use electronic and other control systems to control equipment and processes as required

Not Yet Endorsed

FPP50110**Diploma of Pulp and Paper Process Management****Qualification Notes**

Total number of units = 12

6 Core units *plus*

6 Elective units, 4 units must be recommended for packaging at AQF5 or higher, 3 units must be selected from the list below. Remaining 3 elective units may be selected from the list below or from an endorsed Training Package or state/territory accredited course

Elective units must be relevant to the work outcome sought, industry requirements and the qualification level

CORE UNITS

Unit Code	Unit Name
FPPNUM430A	Calculate and analyse production and financial performance
FPPOHS420A	Manage OHS processes
FPPPLN420A	Plan a complex activity
FPPQAS430A	Oversee quality assurance process
FPPSUS510A	Develop workplace policy and procedures for sustainability
BSBWOR501B	Manage personal work priorities and professional development

ELECTIVE UNITS

Unit Code	Unit Name
BSBADM502B	Manage meetings
BSBAUD501B	Initiate a quality audit
BSBFIM501A	Manage budgets and financial plans
BSBLED501A	Develop a workplace learning environment
BSBMGT502B	Manage people performance
BSBMGT507A	Manage environmental performance
BSBMGT515A	Manage operational plan
BSBMGT608C	Manage innovation and continuous improvement
BSBPMG510A	Manage projects
BSBWOR502B	Ensure team effectiveness
BSBWRK506A	Coordinate research and analysis
MSACMT671A	Develop and manage sustainable energy practices
TAEASS401A	Plan and organise assessment
TAEASS402A	Assess competence
TAEASS403A	Participate in assessment validation
TAETAS501A	Undertake organisational training needs analysis
TLIE607D	Collect, analyse and present workplace data and information

Packaging Rules

Not Yet Endorsed

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

The following table contains a summary of the employability skills for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that may vary depending on the packaging options.

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	<ul style="list-style-type: none"> • Communicate effectively with others when collecting, analysing and presenting workplace data and information • Communicate outcomes of problem solutions to team and appropriate personnel
Teamwork	<ul style="list-style-type: none"> • Read complex text • Assemble team for analysis • Lead and manage team processes
Problem-solving	<ul style="list-style-type: none"> • Refer problems to appropriate group or department • Devise appropriate action and solutions to typical presentation and communication problems • Promptly report and/or rectify any identified problems that may arise when collecting, analysing and presenting workplace data and information in accordance with regulatory requirements and workplace procedures
Initiative and enterprise	<ul style="list-style-type: none"> • Rectify problems within level of responsibility • Identify causes and effects of faults and corrective action on associated processes • Implement contingency plans if required • Modify activities depending on differing operational contingencies, risk situations and environments
Planning and organising	<ul style="list-style-type: none"> • Develop action plan including contingencies • Identify and organise resources to implement action plan • Organise and present processed information in a logical manner
Self-management	<ul style="list-style-type: none"> • Demonstrate leadership • Interpret and follow operational instructions and prioritise work
Learning	<ul style="list-style-type: none"> • Maintain situational awareness in work area • Assess available types of problem solving activities/methodologies and determine most appropriate, such as e-learning tools • Assist others to identify and resolve operational problems in the workplace
Technology	<ul style="list-style-type: none"> • Assist team members where required • Identify and use required communication and presentation technology • Solve systemic problems in the pulp and paper industry, which typically involves complex integrated equipment and continuous operations • Use electronic and other control systems to control equipment and processes as required

Not Yet Endorsed