



FPP98

**Pulp and Paper
Manufacturing Industry
Australian Qualifications Framework
Alignments**

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Introduction

This document provides details of the packaging of units of competence into the Australian Qualifications Framework.

The Australian Qualifications Framework (AQF) is an eight level system that is used to indicate the relative value of groups of skills in an industry. The AQF also provides a broad means of indicating the level of skills that an individual has and exercises in the workplace.

The highest qualification that can be achieved through the Pulp and Paper Manufacturing Industry Competency Standards (PPMICS) is a Diploma at level 5.

The alignment of groups of units of competence against the AQF is a requirement for competency standards that will be endorsed. In the pulp and paper manufacture industry, AQF levels are not linked to wages.

The first section provides Description of the Principles of the Pulp and Paper Manufacturing Industry Qualifications and the Arrangements for Customisation of the Qualifications.

The second section details the **Australian Qualifications Framework (AQF) Level Descriptors**.

The third section lists the **Qualification Titles** that can be achieved by workers in the Pulp and Paper Manufacturing Industry and also details the arrangements for establishment of **Traineeships**.

The fourth section lists those qualification titles and the **Qualification Details** each of the units of competence required to achieve each of the qualifications.

Description of the Principles of the Pulp and Paper Manufacturing Industry Qualifications and the Arrangements for Customisation of the Qualifications

The principles of the Pulp and Paper Manufacturing Industry Qualifications are as follows:

1. qualifications are available to all persons demonstrating competence in the relevant PPMICS;
2. assessments of competence will generally be holistic in that they will encompass all of the PPMICS making up a person's employment, including the generic PPMICS. As a consequence, the context for assessments will be drawn substantially from the AQF descriptors, especially where PPMICS that are listed at more than one AQF level make up part of that qualification. This excludes PPMICS ASR1-6 and TRN1-6 for which the assessment context is set within the competency standards;
3. Certificate III and Certificate IV and Diploma qualifications are not anticipated as entry level points in the qualifications pathway. Therefore, there is an implied learning framework from Certificate II to Diploma in the Pulp and Paper Manufacturing Industry.

The arrangements for customisation of the qualifications are as follows:

1. where customisation is required, such customisation will be the responsibility of the Registered Training Organisation (RTO) that conducts or auspices the assessment [see the **Pulp and Paper Manufacturing Industry Assessment Guideline** for the role and responsibilities of RTOs];
2. customisation may result in the issuance of a qualification containing an Endorsement (as specified in the Qualification Titles section of this document), indicating the production area in which the qualification was gained;
3. customisation involves the replacement of one or more PPMICS from the Optional Units, making up each Endorsement at each AQF level by one or more PPMICS from the other Optional Units at the same AQF level or from the Elective Units at the same AQF level;
4. customisation may also involve the replacement of one PPMICS from the Optional Units from one AQF level by one PPMICS from the Optional Units at another AQF level;
5. the customisation rules above do not apply to the Diploma because the PPMICS listed at AQF 5 contain a broad range of technical and functional skills and knowledge (especially FPPPRS3A) which implicitly includes those from PPMICS at lower AQF levels.

The Assessment Instruments for the PPMICS at AQF 5 will assess, in an holistic manner, these implicit PPMICS.

Australian Qualifications Framework (AQF) Level Descriptors

AQF1

The worker will normally be engaged in a workplace in which they:

- work under direct supervision
- have less directed guidance if working in teams
- apply knowledge and skills to a limited range of tasks and roles
- work in a specified range of contexts
- have a clear choice of actions
- use competencies within established routines, methods and procedures which are predictable
- make judgements against established criteria

AQF2

The worker will normally be engaged in a workplace in which they:

- have limited operational autonomy
- apply competencies under general guidance
- have considerable autonomy if working in teams
- may have responsibility for some roles and co-ordination of working in teams
- apply knowledge and skills to a range of tasks and roles
- work in a defined range of contexts
- usually have clear choice of actions within limited scope
- use competencies within established routines, methods and procedures
- may on occasions use discretion and judgement about possible actions

AQF3

The worker will normally be engaged in a workplace in which they:

- have some autonomy for operation
- work under limited guidance
- may have broad guidance and autonomy if working in teams
- have responsibility for others
- may have team co-ordination responsibilities
- apply a broad range of skills to a range of tasks/roles
- operate in a variety of workplace contexts
- are involved in some complexity in the choice of actions
- use competencies within routines, methods and procedures
- use some discretion and judgement in using resources, services and processes to achieve outcomes within time constraints

AQF4

The worker will normally be engaged in a workplace in which they:

- are autonomous, working under general guidance on progress and outcomes
- may supervise others
- may guide or facilitate teams
- have responsibility for, and limited organisation of work of others
- apply knowledge with depth in some areas
- apply a broad range of skills to a range of tasks/roles
- operate in a variety of workplace contexts
- are involved in some complexity in the choice of actions
- use competencies within routines, methods and procedures
- use some discretion and judgement for self and others in planning and using resources, services and processes to achieve outcomes within time and constraints

AQF5

The worker will normally be engaged in a workplace in which they:

- are autonomous, working under broad guidance
- may supervise others
- may guide teams
- may have responsibility for planning and managing the work of others
- will be involved in self-directed application of knowledge
- have substantial depth of knowledge in some areas and a range of skills for work tasks, roles and functions
- operate in varied or highly specific contexts
- use competencies independently for routine or non-routine purposes
- use judgement for self and others in planning and using resources, services and processes to achieve outcomes within time constraints

Qualification Titles

The qualification titles listed below should be read in conjunction with the Qualification details provide in section on page 10 of this document. The Qualification Packages document lists the competencies required to achieve each of these qualifications.

	AQF level		Qualification	Optional Endorsements (for listing on Qualifications by RTOs)	
FPP	5	01 98	Diploma in Pulp and Paper Industry Operations		
FPP	4	01 98	Certificate IV in Pulp and Paper Manufacturing	(Resources)	
FPP	4	02 98		(Pulping Operations)	
FPP	4	03 98		(Chemical Recovery)	
FPP	4	04 98		(Paper Manufacture)	
FPP	4	11 98		Certificate IV in Pulp and Paper Services	(Electricity Generation)
FPP	4	12 98			(Steam Generation)
FPP	4	13 98			(Water Services)
FPP	3	01 98	Certificate III in Pulp and Paper Manufacturing	(Primary Resources)	
FPP	3	02 98		(Pulping Operations)	
FPP	3	03 98		(Chemical Recovery)	
FPP	3	04 98		(Waste Paper Handling)	
FPP	3	05 98		(Waste Paper Operations)	
FPP	3	06 98		(Stock Preparation)	
FPP	3	07 98		(Wet End Operations)	
FPP	3	08 98		(Dry End Operations)	
FPP	3	09 98		(Paper Coating)	
FPP	3	10 98		(Finishing and Conversion)	
FPP	3	11 98		Certificate III in Pulp and Paper Services	(Electricity Generation)
FPP	3	12 98			(Steam Generation)
FPP	3	13 98			(Water Services)
FPP	2	01 98	Certificate II in Pulp and Paper Manufacturing	(Primary Resources)	
FPP	2	02 98		(Pulping Operations)	
FPP	2	03 98		(Chemical Recovery)	
FPP	2	04 98		(Waste Paper Handling)	
FPP	2	05 98		(Waste Paper Operations)	
FPP	2	06 98		(Stock Preparation)	
FPP	2	07 98		(Wet End Operations)	
FPP	2	08 98		(Dry End Operations)	
FPP	2	09 98		(Paper Coating)	
FPP	2	10 98		(Finishing and Conversion)	
FPP	2	11 98		Certificate II in Pulp and Paper Services	(Electricity Generation)
FPP	2	12 98			(Steam Generation)
FPP	2	13 98			(Water Services)
FPP	1	01 98	Certificate I in Pulp and Paper Manufacturing		

Traineeships

All qualifications within the Training Package may become new apprenticeships, where agreed between an enterprise and a State Training Authority. It is however expected that the initial implementation of the Training Package will lead to structured entry level training outcomes no higher than AQF 2.

Qualification Details

FPP50198 **Diploma in Pulp and Paper Industry Operations**

To achieve this qualification an employee will be required to demonstrate competence in the following units of competence.

Compulsory

All of the following units must be achieved:

- FPPPRS2A Solve problems in the workplace (advanced)
- FPPPRS3A Troubleshoot and rectify pulp and paper systems
- FPPLDR1A Manage personal work priorities and professional development
- FPPLDR3A Establish and maintain effective workplace relationships
- FPPLDR4A Participate in, lead and facilitate work team
- FPPLDR5A Manage operations to achieve planned outcomes
- FPPLDR8A Develop and maintain a safe workplace and environment
- FPPCOM4A Engage in complex workplace communication
- FPPNUM3A Calculate basic performance measures
- FPPOHS2A Implement and monitor OHS policies and procedures
- FPPQAS4A Oversee quality assurance process
- FPPPLN3A Plan a complex activity

Elective

Any three of the following must be achieved:

- FPPLDR2A Provide leadership in the workplace
- FPPLDR6A Manage workplace information
- FPPLDR7A Manage quality customer service
- FPPLDR9A Implement and monitor continuous improvement systems and processes
- FPPLDR10A Facilitate and capitalise on change and innovation
- FPPLDR11A Contribute to the development of a workplace learning environment
- FPPTRN1A Prepare for training (category one)
- FPPTRN2A Deliver training (category one)
- FPPTRN3A Review training (category one)
- FPPTRN4A Prepare for training (category two)
- FPPTRN5A Deliver training (category two)
- FPPTRN6A Conduct assessment (category two)
- FPPTRN7A Review and promote training (category two)
- FPPASR1A Conduct assessment in accordance with an established assessment procedure
- FPPASR2A Plan and review assessment
- FPPASR3A Develop assessment tools
- FPPASR4A Design the assessment system
- FPPASR5A Establish the assessment system
- FPPASR6A Manage the assessment system
- FPPPLN3A Plan a complex activity
- FPPOHS4A Establish OH&S system

FPP4(01-04)98 Certificate IV in Pulp and Paper Manufacturing

To achieve this qualification an employee will be required to demonstrate competence in the following units of competence.

Compulsory

All of the following units must be achieved:

- FPPCOM4A Engage in complex workplace communication
- FPPNUM3A Calculate basic performance measures
- FPPOHS2A Implement and monitor OHS policies and procedures
- FPPQAS4A Oversee quality assurance process
- FPPPRS2A Solve problems in the workplace (advanced)

Optional

One of the following units must be achieved for any ‘endorsement’ to apply to this qualification. The endorsements are the underlined titles listed below. (For example, a Certificate IV in Pulp and Paper Manufacturing (Pulping Operations) will be granted for completing *any one* of the units listed under the Pulping Operations heading, in addition to the required compulsory and elective units.)

Resources (FPP40198)

- FPPRES9A Troubleshoot and rectify resource handling system problems

Pulping Operations (FPP40298)

- FPPPUL4A Troubleshoot and rectify pulping process faults
- or
- FPPWPO4A Troubleshoot and rectify waste paper plant systems and quality faults
- or
- FPPSPR4A Troubleshoot and rectify stock preparation systems and processes

Chemical Recovery (FPP40398)

- FPPREC4A Troubleshoot and rectify chemical recovery process faults

Paper Manufacture (FPP40498)

- FPPWEO4A Troubleshoot and rectify wet end equipment and production faults
- or
- FPPDEO4A Troubleshoot and rectify dry end systems and production faults
- or
- FPPOLC5A Troubleshoot and rectify coating systems and production faults
- or
- FPPFCO4A Troubleshoot and rectify finishing and converting systems and production faults

Elective

Any three of the following must be achieved:

- FPPLDR1A Manage personal work priorities and professional development
- FPPLDR2A Provide leadership in the workplace
- FPPLDR3A Establish and maintain effective workplace relationships
- FPPLDR4A Participate in, lead and facilitate work team
- FPPLDR5A Manage operations to achieve planned outcomes
- FPPLDR6A Manage workplace information
- FPPLDR7A Manage quality customer service
- FPPLDR8A Develop and maintain a safe workplace and environment
- FPPLDR9A Implement and monitor continuous improvement systems and processes
- FPPLDR10A Facilitate and capitalise on change and innovation
- FPPLDR11A Contribute to the development of a workplace learning environment
- FPPTRN1A Prepare for training (category one)
- FPPTRN2A Deliver training (category one)
- FPPTRN3A Review training (category one)
- FPPTRN4A Prepare for training (category two)
- FPPTRN5A Deliver training (category two)
- FPPTRN6A Conduct assessment (category two)
- FPPTRN7A Review and promote training (category two)
- FPPASR1A Conduct assessment in accordance with an established assessment procedure
- FPPASR2A Plan and review assessment
- FPPASR3A Develop assessment tools
- FPPASR4A Design the assessment system
- FPPASR5A Establish the assessment system
- FPPASR6A Manage the assessment system
- FPPPLN3A Plan a complex activity
- FPPENV2A Monitor and control environmental hazards
- FPPMHV1A Operate materials handling vehicles and equipment
- FPPMHV2A Operate overhead crane
- FPPTST1A Sample and test product
- FPPPRM1A Undertake preventative maintenance
- FPPNUM4A Calculate and analyse production and financial data

FPP4(11-13)98 Certificate IV in Pulp and Paper Services

To achieve this qualification an employee will be required to demonstrate competence in the following units of competence.

Compulsory

All of the following units must be achieved:

- FPPOHS2A Implement and monitor OH&S policies and procedures
- FPPCOM4A Engage in complex workplace communication
- FPPNUM3A Calculate basic performance measures
- FPPQAS4A Oversee quality assurance process
- FPPPRS2A Solve problems in the workplace (advanced)

Optional

One of the following units must be achieved. The achievement of the unit will provide eligibility for the relevant endorsement to apply to this qualification. The endorsements are the underlined titles listed below.

Electricity Generation (FPP41198)

- FPPEPG5A Troubleshoot and rectify power generation system faults

Steam Generation (FPP41298)

- FPPSTM4A Troubleshoot and rectify steam systems

Water Services (FPP41398)

- FPPWAS9A Troubleshoot and rectify water systems

Elective

Any three of the following must be achieved:

- FPPLDR1A Manage personal work priorities and professional development
- FPPLDR2A Provide leadership in the workplace
- FPPLDR3A Establish and maintain effective workplace relationships
- FPPLDR4A Participate in, lead and facilitate work team
- FPPLDR5A Manage operations to achieve planned outcomes
- FPPLDR6A Manage workplace information
- FPPLDR7A Manage quality customer service
- FPPLDR8A Develop and maintain a safe workplace and environment
- FPPLDR9A Implement and monitor continuous improvement systems and processes
- FPPLDR10A Facilitate and capitalise on change and innovation
- FPPLDR11A Contribute to the development of a workplace learning environment
- FPPTRN1A Prepare for training (category one)
- FPPTRN2A Deliver training (category one)
- FPPTRN3A Review training (category one)
- FPPTRN4A Prepare for training (category two)
- FPPTRN5A Deliver training (category two)
- FPPTRN6A Conduct assessment (category two)
- FPPTRN7A Review and promote training (category two)
- FPPASR1A Conduct assessment in accordance with an established assessment procedure
- FPPASR2A Plan and review assessment
- FPPASR3A Develop assessment tools
- FPPASR4A Design the assessment system
- FPPASR5A Establish the assessment system
- FPPASR6A Manage the assessment system
- FPPPLN3A Plan a complex activity
- FPPENV2A Monitor and control environmental hazards
- FPPMHV1A Operate materials handling vehicles and equipment
- FPPMHV2A Operate overhead crane
- FPPTST1A Sample and test product
- FPPPRM1A Undertake preventative maintenance
- FPPNUM4A Calculate and analyse financial and production data

FPP3(01-010)98 Certificate III in Pulp and Paper Manufacturing

To achieve this qualification an employee will be required to demonstrate competence in the following units of competence.

Compulsory

All of the following units must be achieved:

- FPPOHS2A Implement and monitor OH+S policies and procedures
- FPPCOM3A Use advanced workplace information
- FPPNUM3A Calculate basic performance measures
- FPPQAS3A Co-ordinate in process quality assurance
- FPPPRS1A Solve problems in the workplace (basic)

Optional

One of the following groups of units must be achieved. The achievement of all of the units in a group will provide eligibility for the relevant endorsement to apply to this qualification. The endorsements are the underlined titles listed below.

Primary Resources (FPP30198)

- FPPRES3A Prepare woodchip line for production
- FPPRES4A Prepare logs for chip production
- FPPRES7A Manage system shutdown

or

Pulping Operations (FPP30298)

- FPPPUL1A Prepare pulping systems for operation
- FPPPUL2A Co-ordinate and implement pulping start-up operation
- FPPPUL5A Co-ordinate and implement pulping plant shutdowns

or

Chemical Recovery (FPP30398)

- FPPREC1A Prepare chemical recovery systems for operation
- FPPREC2A Initiate and stabilise system start-up operation
- FPPREC5A Manage chemical recovery plant shutdowns

or

Waste Paper Handling (FPP30498)

- FPPHWP3A Set up and operate sorting/pressing line
- FPPHWP4A Manage system shutdowns

or

Waste Paper Operations (FPP30598)

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- FPPWPO1A Prepare waste paper plant for operation
- FPPWPO2A Co-ordinate and implement waste paper plant start up
- FPPWPO5A Co-ordinate and implement waste paper plant shutdown

or

Stock Preparation (FPP30698)

- FPPSPR1A Prepare stock preparation system for production
- FPPSPR2A Co-ordinate and implement stock preparation start up
- FPPSPR5A Co-ordinate and implement stock preparation system shutdown

or

Wet End Operations (FPP30798)

- FPPWEO1A Prepare wet end for production
- FPPWEO2A Co-ordinate and implement the wet end start-up operations
- FPPWEO5A Co-ordinate and implement wet end shutdown

or

Dry End Operations (FPP30898)

- FPPDEO1A Prepare dry end for operation
- FPPDEO2A Co-ordinate and implement dry end start-up
- FPPDEO5A Co-ordinate and implement dry end shutdown

or

Paper Coating (FPP30998)

- FPPOLC1A Prepare coating system for production
- FPPOLC2A Co-ordinate and implement coating system start-up
- FPPOLC4A Co-ordinate coating system shutdown

or

Finishing and Conversion (FPP31098)

- FPPFCO1A Prepare finishing/converting system for production

Elective

Any two of the following must be achieved:

- FPPLDR1A Manage personal work priorities and professional development
- FPPLDR2A Provide leadership in the workplace
- FPPLDR3A Establish and maintain effective workplace relationships
- FPPLDR4A Participate in, lead and facilitate work team
- FPPLDR5A Manage operations to achieve planned outcomes
- FPPLDR8A Develop and maintain a safe workplace and environment
- FPPTRN1A Prepare for training (category one)
- FPPTRN2A Deliver training (category one)
- FPPTRN3A Review training (category one)
- FPPTRN6A Conduct assessment (category two)
- FPPAID1A Apply basic first aid techniques
- FPPAID2A Administer first aid procedures
- FPPMHV1A Operate materials handling vehicles and equipment
- FPPMHV2A Operate overhead crane
- FPPEME1A Prepare equipment for an emergency response
- FPPEME2A Respond to an emergency situation
- FPPPRS2A Solve problems in the workplace (advanced)
- FPPPLN2A Plan a complete activity
- FPPENV2A Monitor and control environmental hazards
- FPPTST1A Sample and test product
- FPPASR1A Conduct assessment in accordance with an established assessment procedure
- FPPASR2A Plan and review assessment
- FPPPRM1A Undertake preventative maintenance

FPP3(11-13)98 Certificate III in Pulp and Paper Services

To achieve this qualification an employee will be required to demonstrate competence in the following units of competence.

Compulsory

All of the following units must be achieved:

- FPPOHS2A Implement and monitor OH+S policies and procedures
- FPPCOM3A Use advanced workplace information
- FPPNUM3A Calculate basic performance measures
- FPPQAS3A Co-ordinate in process quality assurance
- FPPPRS1A Solve problems in the workplace (basic)

Optional

One of the following groups of units must be achieved. The achievement of *all of the units* in a group will provide eligibility for the relevant endorsement to apply to this qualification. The endorsements are the underlined titles listed below.

Electricity Generation (FPP31198)

- FPPEPG1A Manage a steam turbine start-up
- FPPEPG3A Co-ordinate power generation system shutdown
- FPPEPG4A Conduct a technical inspection of power generation plant and equipment

or

Steam Generation (FPP31298)

- FPPSTM1A Manage steam boiler start up
- FPPSTM3A Shutdown and store steam boiler

or

Water Services (FPP31398)

- FPPWAS1A Manage water system start-up
- FPPWAS8A Manage water system shutdown

Elective

Any two of the following must be achieved:

- FPPLDR1A Manage personal work priorities and professional development
- FPPLDR2A Provide leadership in the workplace
- FPPLDR3A Establish and maintain effective workplace relationships
- FPPLDR4A Participate in, lead and facilitate work team
- FPPLDR5A Manage operations to achieve planned outcomes
- FPPLDR8A Develop and maintain a safe workplace and environment
- FPPTRN1A Prepare for training (category one)
- FPPTRN2A Deliver training (category one)
- FPPTRN3A Review training (category one)
- FPPTRN6A Conduct assessment (category two)
- FPPAID1A Apply basic first aid techniques
- FPPAID2A Administer first aid procedures
- FPPMHV1A Operate materials handling vehicles and equipment
- FPPMHV2A Operate overhead crane
- FPPEME1A Prepare equipment for an emergency response
- FPPEME2A Respond to an emergency situation
- FPPPRS2A Solve problems in the workplace (advanced)
- FPPPLN2A Plan a complete activity
- FPPENV2A Monitor and control environmental hazards
- FPPTST1A Sample and test product
- FPPASR1A Conduct assessment in accordance with an established assessment procedure
- FPPASR2A Plan and review assessment
- FPPPRM1A Undertake preventative maintenance

FPP2(01-10)98 Certificate II in Pulp and Paper Manufacturing

To achieve this qualification an employee will be required to demonstrate competence in the following units of competence.

Compulsory

All of the following units must be achieved:

- FPPOHS1A Follow defined OH&S procedures
- FPPCOM2A Present verbal and written workplace information
- FPPNUM2A Measure and calculate routine information
- FPPQAS2A Maintain quality in work section/sub-system

Optional

One of the following groups of units must be achieved. The achievement of the requirements for each group will provide eligibility for the relevant endorsement to apply to this qualification. The endorsements are the underlined titles listed below and the groups are contained underneath the endorsements.

Primary Resources (FPP20198)

- FPPRES1A Receive raw materials
- FPPRES2A Unload raw materials

or

- FPPRES5A Operate woodchip production system
- FPPRES8A Distribute stockpiled woodchips

or

Pulping Operations (FPP20298)

- FPPPUL3A Monitor and control pulping operations
- FPPPUL6A Store and distribute pulped product

or

Chemical Recovery (FPP20398)

- FPPREC3A Monitor and optimise chemical recovery operations
- FPPREC6A Store and distribute processed chemicals

or

Waste Paper Handling (FPP20498)

- FPPRHWP1A Receive waste paper
- FPPRHWP2A Unload waste paper
- FPPRHWP5A Conduct paper grade quality assessments

or

Waste Paper Operations (FPP20598)

FPPRWPO3A Monitor and control waste paper

or

Stock Preparation (FPP20698)

FPPRSPR3A Monitor and control stock preparation system

or

Wet End Operations (FPP20798)

FPPRWEO3A Monitor and control wet end operations

or

Dry End Operations (FPP20898)

FPPRDEO3A Monitor and control dry end operations

or

Paper Coating (FPP20998)

FPPOLC3A Monitor and control coating operations

Finishing and Conversion (FPP21098)

FPPFCO2A Monitor and control finishing/converting system operation

or

FPPFCO3A Pack and wrap product

or

FPPFCO5A Store product

or

FPPFCO6A Prepare and despatch product

Elective

Any two of the following must be achieved:

- FPPLDR1A Manage personal work priorities and professional development
- FPPTRN2A Deliver training (category one)
- FPPTRN6A Conduct assessment (category two)
- FPPAID1A Apply basic first aid techniques
- FPPMHV1A Operate materials handling vehicles and equipment
- FPPEME1A Prepare equipment for an emergency response
- FPPEME2A Respond to an emergency situation
- FPPPRS1A Solve problems in the workplace (basic)
- FPPPLN1A Plan and undertake a routine task
- FPPENV1A Identify environmental hazards
- FPPCSK1A Access and modify computer records and documents
- FPPCSK2A Access mainframe system
- FPPST1A Sample and test product
- FPPASR1A Conduct assessment in accordance with an established assessment procedure
- FPPPRM1A Undertake preventative maintenance

FPP2(11-13)98 Certificate II in Pulp and Paper Services

To achieve this qualification an employee will be required to demonstrate competence in the following units of competence.

Compulsory

All of the following units must be achieved:

- FPPOHS1A Follow defined OH&S procedures
- FPPCOM2A Present verbal and written workplace information
- FPPNUM2A Measure and calculate routine information
- FPPQAS2A Maintain quality in work section/sub-system

Options

One of the following groups of units must be achieved. The achievement of the requirements for each group will provide eligibility for the relevant endorsement to apply to this qualification. The endorsements are the underlined titles listed below and the groups are contained underneath the endorsements.

Electricity Generation (FPP21198)

- FPPEPG2A Monitor and control power generation system

or

Steam Generation (FPP21298)

- FPPSTM3A Monitor and control boiler operation

or

Water Services (FPP21398)

- FPPWAS2A Monitor, operate and control surface and ground water systems

or

- FPPWAS3A Monitor, operate and control irrigation and domestic water systems

or

- FPPWAS4A Monitor, operate and control raw water supply and distribution systems

or

- FPPWAS5A Monitor, operate and control wastewater treatment process

or

- FPPWAS6A Construct water system assets

and

- FPPWAS7A Maintain water system assets

Elective

Any two of the following must be achieved:

FPPLDR1A	Manage personal work priorities and professional development
FPPTRN2A	Deliver training (category one)
FPPTRN6A	Conduct assessment (category two)
FPPAID1A	Apply basic first aid techniques
FPPMHV1A	Operate materials handling vehicles and equipment
FPPEME1A	Prepare equipment for an emergency response
FPPEME2A	Respond to an emergency situation
FPPPRS1A	Solve problems in the workplace (basic)
FPPPLN1A	Plan and undertake a routine task
FPPENV1A	Identify environmental hazards
FPPCSK1A	Access and modify computer records and documents
FPPCSK2A	Access mainframe system
FPPST1A	Sample and test product
FPPASR1A	Conduct assessment in accordance with an established assessment procedure
FPPPRM1A	Undertake preventative maintenance

FPP10198 Certificate I in Pulp and Paper Manufacturing

To achieve this qualification an employee will be required to demonstrate competence in the following units of competence.

Compulsory

All of the following units must be achieved:

FPPOHS1A	Follow defined OH&S procedures
FPPCOM1A	Use basic workplace communication
FPPNUM1A	Estimate and calculate basic data
FPPQAS1A	Apply basic quality assurance processes
FPPHTL1A	Use hand held tools