



Australian Government

FPP40210 Certificate IV in Papermaking Operations

Release 2

FPP40210 Certificate IV in Papermaking Operations

Modification History

Release 1.2

Formatting updated - no changes to outcome.

23 imported units of competency updated:

- BSBWHS403A replaces BSBOHS402B - Equivalent
- BSBWHS510A replaces BSBOHS405B - Equivalent
- BSBWHS409A replaces BSBOHS406B - Equivalent
- BSBWHS401A replaces BSBOHS407A - Equivalent
- BSBWHS402A replaces BSBOHS408A - Equivalent
- MSS402020A replaces MSACMT220A - Equivalent
- MSS402040A replaces MSACMT240A - Equivalent
- MSS402050A replaces MSACMT250A - Equivalent
- MSS402051A replaces MSACMT251A - Equivalent
- MSS403001A replaces MSACMS400A - Equivalent
- MSS403032A replaces MSACMT432A - Equivalent
- MSS403051A replaces MSACMT451A - Equivalent
- MSS404052A replaces MSACMT452A - Equivalent
- TAEASS301B replaces TAEASS301A - Equivalent
- TAEASS401B replaces TAEASS401A - Equivalent
- TAEASS402B replaces TAEASS402A - Equivalent
- TAEASS403B replaces TAEASS403A - Equivalent
- TAEASS502B replaces TAEASS502A - Equivalent
- TAEASS505A replaces TAAASS501B - Equivalent
- TAEDES502A replaces TAADES502B - Equivalent
- TAETAS501B replaces TAETAS501A - Equivalent
- TLIE4006A replaces TLIE607D - Equivalent
- UEPOPS411B replaces EUPOPS411A - Equivalent

Description

Not Applicable

Pathways Information

Not Applicable

Licensing/Regulatory Information

Not Applicable

Entry Requirements

The following units of competency must be achieved either before or while undertaking 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

Employability Skills Summary

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

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

Learning

- Assess available types of problem solving activities/methodologies and determine most appropriate, such as e-learning tools
- 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

- 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

Packaging Rules

Qualification Notes

Total number of units = 10

2 Core units plus

8 Elective units

One elective unit must be selected from a single Industry Specific group (Groups A-G)

One elective unit must be selected from each of the following Support Electives groups

- Quality
- Numeracy
- OHS
- 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
TLIE4006A	Collect, analyse and present workplace data and information
ELECTIVE UNITS INDUSTRY SPECIFIC	
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: Wet end operations	
FPPWEO440A	Troubleshoot and rectify wet end systems
Group E: Dry end operations	
FPPDEO440A	Troubleshoot and rectify dry end systems
Group F: Coated paper processes	
FPPCPP440A	Troubleshoot and rectify coated paper processes
Group G: Finishing and converting	

FPPFCO340A	Troubleshoot and rectify finishing and converting systems
Group H: SUPPORT ELECTIVES	
Numeracy	
FPPNUM320A	Measure and calculate routine workplace data
FPPNUM430A	Calculate and analyse production and financial performance
MSS404052A	Apply statistics to operational processes
OHS	
FPPOHS320A	Maintain OHS processes
FPPOHS420A	Manage OHS processes
Quality	
FPPQAS420A	Co-ordinate in-process quality assurance
MSS402051A	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
Group I: SUPPLEMENTARY ELECTIVES	
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
BSBWHS403A	Contribute to the implementing and maintaining WHS consultation and participation process
BSBOHS403B	Identify hazards and assess OHS risks
BSBOHS404B	Contribute to the implementation of strategies to control OHS risk
BSBWHS510A	Contribute to implementing emergency procedures
BSBWHS409A	Assist with workplace monitoring processes
BSBWHS401A	Implement and monitor WHS policies, procedures and programs to meet legislative requirements
BSBWHS402A	Assist with compliance with WHS 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 (unit has pre-requisite)

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
BSBRK401A	Identify risk and apply risk management processes
BSBWOR401A	Establish effective workplace relationships
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	
TAEASS505A	Lead and coordinate assessment systems and services
TAEDES502A	Design and develop learning resources
TAEASS301B	Contribute to assessment
TAEASS502B	Develop assessment tools
TAEDEL401A	Plan, organise and deliver group-based delivery

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
TAETAS501B	Undertake organisational training needs analysis
TAEASS401B	Plan assessment activities and processes
TAEASS402B	Assess competence
TAEASS403B	Participate in assessment validation
Laboratory operations	
MSL904001A	Perform standard calibration
Production support	
FPPPRV320A	Co-ordinate and direct clothing changes
MEM18011C	Shut down and isolate machines/equipment
MSACMC411A	Lead a competitive manufacturing team
MSS403001A	Implement competitive systems and practices
MSACMS401A	Ensure process improvements are sustained
MSS402020A	Apply quick changeover procedures
MSS402040A	Apply 5S procedures
MSS402050A	Monitor process capability
MSS403032A	Analyse manual handling processes
MSACMT440A	Lead 5S in a manufacturing environment
MSS403051A	Mistake proof an operational process
Turbine operations	
UEPOPS341A	Shut down a steam turbine

UEPOPS411B	Run up a steam turbine
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