

PPM Pulp & Paper Manufacturing Industry

TRAINING PACKAGE

Version 1

WA NOMINAL HOURS GUIDE

Introduction

This Guide has been generated to enable the stakeholders in this Industry in Western Australia to participate in the managed implementation of the National PPM Pulp & Paper Manufacturing Industry Training Package.

This Guide is designed to aid Registered Training Organisations (RTOs) to convert from existing Training Package qualifications to new Training Package qualifications within the scope of their training delivery.

The Guide should be read in conjunction with the endorsed components of the Training Package

Version 1 of the PPM Pulp & Paper Manufacturing Industry Training Package was released by Training.Gov.Au (TGA) on the 06/05/2016

Transition Arrangements

Registered Training Organisations (RTOs) are required to deliver Training Package qualifications in accordance with the Standards for RTOs. For further information visit the Training Accreditation Council website www.tac.wa.gov.au

Nominal Hours

Nominal hours are the hours of training notionally required to achieve the outcomes of units of competency.

Nominal hours are identified for nationally endorsed qualifications. Nominal hours may vary for a qualification depending on the selection of units of competency.

In Western Australia, nominal hours are used as a mechanism for funding allocation.

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Qualifications and Nominal Hours

The following table provides a summary of the qualifications and nominal hours in the pulp and paper manufacturing industry.

National Code	National Title	Nominal Hours
PPM20116	Certificate II in Pulping Operations	695
PPM20216	Certificate II in Papermaking Operations	705
PPM30116	Certificate III in Pulping Operations	610
PPM30216	Certificate III in Papermaking Operations	633
PPM40116	Certificate IV in Pulping Operations	382
PPM40216	Certificate IV in Papermaking Operations	502
PPM50116	Diploma of Pulp and Paper Process Management	755

Units of Competency and Nominal Hours

The following table provides a summary of the units of competency and nominal hours in the pulp and paper manufacturing industry.

National Code	National Title	Nominal Hours
PPMCPP210	Monitor and control coated paper processes	80
PPMCPP320	Prepare and start up coated paper processes	80
PPMCPP330	Co-ordinate the shutdown of coated paper processes	40
PPMCPP440	Troubleshoot and rectify coated paper processes	160
PPMCPR210	Prepare chemical products	40
PPMCSK310	Operate process control equipment	35
PPMDEO210	Monitor and control dry end operations	90
PPMDEO320	Prepare and start up dry end operations	80
PPMDEO330	Co-ordinate and implement dry end shutdown	40
PPMDEO440	Troubleshoot and rectify dry end systems	160
PPMENV210	Identify and monitor environmental discharges/emissions	20
PPMENV320	Monitor and control environmental hazards	20
PPMEPG210	Monitor and control power generation system	80
PPMEPG320	Manage a power generation system startup	50
PPMEPG330	Co-ordinate power generation system shutdown	40
PPMEPG440	Troubleshoot and rectify power generation system	160
PPMFCO210	Monitor, control and shutdown finishing and converting operations	70
PPMFCO320	Prepare and start up finishing and converting operations	145
PPMFCO340	Troubleshoot and rectify finishing and converting systems	160
PPMHWP250	Store and dispatch waste paper	35
PPMHWP260	Receive waste paper	25
PPMHWP270	Unload waste paper	25
PPMMHV210	Operate overhead crane	35
PPMNUM210	Estimate and calculate basic data	25

PPMNUM320	Measure and calculate routine workplace data	30
PPMNUM430	Calculate and analyse production and financial performance	35
PPMPLN210	Plan and undertake a routine task	20
PPMPLN420	Plan a complex activity	20
PPMPRM210	Undertake operator level preventative maintenance	35
PPMPRM220	Perform lubrication	35
PPMPRS210	Identify and rectify problems in the workplace	35
PPMPRS320	Solve systemic problems in the workplace	15
PPMPRV210	Operate ancillary equipment	35
PPMPRV320	Co-ordinate and direct clothing changes	25
PPMPUL210	Monitor and control pulping operations	20
PPMPUL250	Store and distribute pulped product	15
PPMPUL320	Prepare and start up pulping system operations	45
PPMPUL330	Co-ordinate and implement pulping plant shutdowns	35
PPMPUL440	Troubleshoot and rectify pulping processes	30
PPMQAS210	Apply basic quality practices	40
PPMQAS420	Co-ordinate in-process quality assurance	40
PPMQAS430	Oversee quality assurance process	80
PPMREC210	Monitor and control chemical recovery operations	40
PPMREC320	Prepare and start up chemical recovery operations	180
PPMREC330	Co-ordinate and implement chemical recovery shutdowns	20
PPMREC440	Troubleshoot and rectify chemical recovery operations	30
PPMREL210	Contribute to effective working relationships	35
PPMRES210	Prepare and operate the woodchip production system	90
PPMRES250	Distribute woodchips	80
PPMRES260	Receive materials	40
PPMRES270	Unload materials	180
PPMRES340	Troubleshoot and rectify primary resource operations	45

PPMSPR210	Monitor and control stock preparation systems	70
PPMSPR320	Prepare and start up stock preparation system for production	40
PPMSPR330	Co-ordinate and implement stock preparation system shutdown	40
PPMSPR440	Troubleshoot and rectify stock preparation systems	40
PPMSTM210	Monitor and control boiler operation	165
PPMSTM320	Manage steam boiler start up	90
PPMSTM330	Shut down and bank steam boiler	90
PPMSTM440	Troubleshoot and rectify boiler plant systems	40
PPMSUS210	Apply sustainable work practices/policies	180
PPMSUS510	Develop workplace policy and procedures for sustainability	90
PPMWAR250	Store product	60
PPMWAR255	Prepare and dispatch product	60
PPMWAR280	Warehouse product packaging	160
PPMWAS210	Operate water systems	20
PPMWAS340	Troubleshoot and rectify water systems	45
PPMWEO210	Monitor and control wet end operations	20
PPMWEO320	Prepare and start up wet end operations	25
PPMWEO330	Co-ordinate and implement wet end shutdown	25
PPMWEO440	Troubleshoot and rectify wet end systems	80
PPMWHS210	Participate in WHS processes	160
PPMWHS310	Contribute to WHS processes	90
PPMWHS320	Maintain WHS processes	80
PPMWHS410	Identify, assess and control WHS risk in own work	40
PPMWHS420	Manage WHS processes	180
PPMWPO210	Monitor and control waste paper operations	80
PPMWPO320	Prepare and start up waste paper operations	80
PPMWPO330	Co-ordinate and implement waste paper shutdown	40
PPMWPO440	Troubleshoot and rectify waste paper operations	160

Mapping Qualifications

The following table provides an overview of the qualifications from Version 1 which replace qualifications from the existing version of the FPP10: Pulp & Paper Manufacturing Industry Training Package

FPP10 Current Qualification				PPM Replacement Qualification		
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
FPP20110	Certificate II in Pulping Operations	-	E	PPM20116	Certificate II in Pulping Operations	695
FPP20210	Certificate II in Papermaking Operations	-	E	PPM20216	Certificate II in Papermaking Operations	705
FPP30110	Certificate III in Pulping Operations	-	E	PPM30116	Certificate III in Pulping Operations	610
FPP30210	Certificate III in Papermaking Operations	-	E	PPM30216	Certificate III in Papermaking Operations	633
FPP40110	Certificate IV in Pulping Operations	-	E	PPM40116	Certificate IV in Pulping Operations	382
FPP40210	Certificate IV in Papermaking Operations	-	E	PPM40216	Certificate IV in Papermaking Operations	502
FPP50110	Diploma of Pulp and Paper Process Management	-	E	PPM50116	Diploma of Pulp and Paper Process Management	755

Mapping Units of Competency

The following table provides an overview of the Units of Competency from Version 1 which replace Units of Competency from the existing version of the FPP10 Pulp & Paper Manufacturing Industry Training Package

FPP10 Current Unit				PPM Replacement Unit		
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
FPPCPP210A	Monitor and control coated paper processes	-	E	PPMCPP210	Monitor and control coated paper processes	80
FPPCPP320A	Prepare and start up coated paper processes	-	E	PPMCPP320	Prepare and start up coated paper processes	80
FPPCPP330A	Co-ordinate the shutdown of coated paper processes	-	E	PPMCPP330	Co-ordinate the shutdown of coated paper processes	40
FPPCPP440A	Troubleshoot and rectify coated paper processes	-	E	PPMCPP440	Troubleshoot and rectify coated paper processes	160
FPPCPR210A	Prepare chemical products	-	E	PPMCPR210	Prepare chemical products	40
FPPCSK310A	Operate process control equipment	-	E	PPMCSK310	Operate process control equipment	35
FPPDEO210A	Monitor and control dry end operations	-	E	PPMDEO210	Monitor and control dry end operations	90
FPPDEO320A	Prepare and start up dry end operations	-	E	PPMDEO320	Prepare and start up dry end operations	80
FPPDEO330A	Co-ordinate and implement dry end shutdown	-	E	PPMDEO330	Co-ordinate and implement dry end shutdown	40
FPPDEO440A	Troubleshoot and rectify dry end systems	-	E	PPMDEO440	Troubleshoot and rectify dry end systems	160
FPPENV210A	Identify and monitor environmental discharges/emissions	-	E	PPMENV210	Identify and monitor environmental discharges/emissions	20
FPPENV320A	Monitor and control environmental hazards	-	E	PPMENV320	Monitor and control environmental hazards	20
FPPEPG210A	Monitor and control power generation system	-	E	PPMEPG210	Monitor and control power generation system	80
FPPEPG320A	Manage a power generation system startup	-	E	PPMEPG320	Manage a power generation system startup	50
FPPEPG330A	Co-ordinate power generation system shutdown	-	E	PPMEPG330	Co-ordinate power generation system shutdown	40
FPPEPG440A	Troubleshoot and rectify power generation system	-	E	PPMEPG440	Troubleshoot and rectify power generation system	160
FPPFCO210A	Monitor, control and shutdown finishing and converting operations	-	E	PPMFCO210	Monitor, control and shutdown finishing and converting operations	70
FPPFCO320A	Prepare and start up finishing and converting operations	-	E	PPMFCO320	Prepare and start up finishing and converting operations	145
FPPFCO340A	Troubleshoot and rectify finishing and converting systems	-	E	PPMFCO340	Troubleshoot and rectify finishing and converting systems	160

FPPHWP250A	Store and dispatch waste paper	-	E	PPMHWP250	Store and dispatch waste paper	35
FPPHWP260A	Receive waste paper	-	E	PPMHWP260	Receive waste paper	25
FPPHWP270A	Unload waste paper	-	E	PPMHWP270	Unload waste paper	25
FPPMHV210A	Operate overhead crane	-	E	PPMMHV210	Operate overhead crane	35
FPPNUM210A	Estimate and calculate basic data	-	E	PPMNUM210	Estimate and calculate basic data	25
FPPNUM320A	Measure and calculate routine workplace data	-	E	PPMNUM320	Measure and calculate routine workplace data	30
FPPNUM430A	Calculate and analyse production and financial performance	-	E	PPMNUM430	Calculate and analyse production and financial performance	35
FPPPLN210A	Plan and undertake a routine task	-	E	PPMPLN210	Plan and undertake a routine task	20
FPPPLN420A	Plan a complex activity	-	E	PPMPLN420	Plan a complex activity	20
FPPPRM210A	Undertake operator level preventative maintenance	-	E	PPMPRM210	Undertake operator level preventative maintenance	35
FPPPRM220A	Perform lubrication	-	E	PPMPRM220	Perform lubrication	35
FPPPRS210A	Identify and rectify problems in the workplace	-	E	PPMPRS210	Identify and rectify problems in the workplace	35
FPPPRS320A	Solve systemic problems in the workplace	-	E	PPMPRS320	Solve systemic problems in the workplace	15
FPPPRV210A	Operate ancillary equipment	-	E	PPMPRV210	Operate ancillary equipment	35
FPPPRV320A	Co-ordinate and direct clothing changes	-	E	PPMPRV320	Co-ordinate and direct clothing changes	25
FPPPUL210A	Monitor and control pulping operations	-	E	PPMPUL210	Monitor and control pulping operations	20
FPPPUL250A	Store and distribute pulped product	-	E	PPMPUL250	Store and distribute pulped product	15
FPPPUL320A	Prepare and start up pulping system operations	-	E	PPMPUL320	Prepare and start up pulping system operations	45
FPPPUL330A	Co-ordinate and implement pulping plant shutdowns	-	E	PPMPUL330	Co-ordinate and implement pulping plant shutdowns	35
FPPPUL440A	Troubleshoot and rectify pulping processes	-	E	PPMPUL440	Troubleshoot and rectify pulping processes	30
FPPQAS210A	Apply basic quality practices	-	E	PPMQAS210	Apply basic quality practices	40
FPPQAS420A	Co-ordinate in-process quality assurance	-	E	PPMQAS420	Co-ordinate in-process quality assurance	40
FPPQAS430A	Oversee quality assurance process	-	E	PPMQAS430	Oversee quality assurance process	80
FPPREC210A	Monitor and control chemical recovery operations	-	E	PPMREC210	Monitor and control chemical recovery operations	40
FPPREC320A	Prepare and start up chemical recovery operations	-	E	PPMREC320	Prepare and start up chemical recovery operations	180
FPPREC330A	Co-ordinate and implement chemical recovery	-	E	PPMREC330	Co-ordinate and implement chemical recovery	20

	shutdowns				shutdowns	
FPPREC440A	Troubleshoot and rectify chemical recovery operations	-	E	PPMREC440	Troubleshoot and rectify chemical recovery operations	30
FPPREL210A	Contribute to effective working relationships	-	E	PPMREL210	Contribute to effective working relationships	35
FPPRES210A	Prepare and operate the woodchip production system	-	E	PPMRES210	Prepare and operate the woodchip production system	90
FPPRES250A	Distribute woodchips	-	E	PPMRES250	Distribute woodchips	80
FPPRES260A	Receive materials	-	E	PPMRES260	Receive materials	40
FPPRES270A	Unload materials	-	E	PPMRES270	Unload materials	180
FPPRES340A	Troubleshoot and rectify primary resource operations	-	E	PPMRES340	Troubleshoot and rectify primary resource operations	45
FPPSPR210A	Monitor and control stock preparation systems	-	E	PPMSPR210	Monitor and control stock preparation systems	70
FPPSPR320A	Prepare and start up stock preparation system for production	-	E	PPMSPR320	Prepare and start up stock preparation system for production	40
FPPSPR330A	Co-ordinate and implement stock preparation system shutdown	-	E	PPMSPR330	Co-ordinate and implement stock preparation system shutdown	40
FPPSPR440A	Troubleshoot and rectify stock preparation systems	-	E	PPMSPR440	Troubleshoot and rectify stock preparation systems	40
FPPSTM210A	Monitor and control boiler operation	-	E	PPMSTM210	Monitor and control boiler operation	165
FPPSTM320A	Manage steam boiler startup	-	E	PPMSTM320	Manage steam boiler start up	90
FPPSTM330A	Shut down and bank steam boiler	-	E	PPMSTM330	Shut down and bank steam boiler	90
FPPSTM440A	Troubleshoot and rectify boiler plant systems	-	E	PPMSTM440	Troubleshoot and rectify boiler plant systems	40
FPPSUS210A	Apply sustainable work practices/policies	-	E	PPMSUS210	Apply sustainable work practices/policies	180
FPPSUS510A	Develop workplace policy and procedures for sustainability	-	E	PPMSUS510	Develop workplace policy and procedures for sustainability	90
FPPWAR250A	Store product	-	E	PPMWAR250	Store product	60
FPPWAR255A	Prepare and dispatch product	-	E	PPMWAR255	Prepare and dispatch product	60
FPPWAR280A	Warehouse product packaging	-	E	PPMWAR280	Warehouse product packaging	160
FPPWAS210A	Operate water systems	-	E	PPMWAS210	Operate water systems	20
FPPWAS340A	Troubleshoot and rectify water systems	-	E	PPMWAS340	Troubleshoot and rectify water systems	45
FPPWEO210A	Monitor and control wet end operations	-	E	PPMWEO210	Monitor and control wet end operations	20
FPPWEO320A	Prepare and start up wet end operations	-	E	PPMWEO320	Prepare and start up wet end operations	25

FPPWEO330A	Co-ordinate and implement wet end shutdown	-	E	PPMWEO330	Co-ordinate and implement wet end shutdown	25
FPPWEO440A	Troubleshoot and rectify wet end systems	-	E	PPMWEO440	Troubleshoot and rectify wet end systems	80
FPPOHS210A	Participate in OHS processes	-	E	PPMWHS210	Participate in WHS processes	160
FPPOHS310A	Contribute to OHS processes	-	E	PPMWHS310	Contribute to WHS processes	90
FPPOHS320A	Maintain OHS processes	-	E	PPMWHS320	Maintain WHS processes	80
FPPOHS410A	Identify, assess and control OHS risk in own work	-	E	PPMWHS410	Identify, assess and control WHS risk in own work	40
FPPOHS420A	Manage OHS processes	-	E	PPMWHS420	Manage WHS processes	180
FPPWPO210A	Monitor and control waste paper operations	-	E	PPMWPO210	Monitor and control waste paper operations	80
FPPWPO320A	Prepare and start up waste paper operations	-	E	PPMWPO320	Prepare and start up waste paper operations	80
FPPWPO330A	Co-ordinate and implement waste paper shutdown	-	E	PPMWPO330	Co-ordinate and implement waste paper shutdown	40
FPPWPO440A	Troubleshoot and rectify waste paper operations	-	E	PPMWPO440	Troubleshoot and rectify waste paper operations	160