

Sawmilling and Timber Processing Project

Summary of Feedback, Responses and Actions - Validation



22 April 2022

Draft new units of competency for skills in timber and wood products production operations were made available on the [Skills Impact website](#) for stakeholder review and validation from 1 to 25 April 2022. Please visit the website to view a full list of the documents that were submitted for consultation during this phase.

Feedback was received via email, the Skills Impact Feedback Hub, webinars and phone as follows:

	ACT**	NSW	NT**	Qld	SA	Tas	Vic	WA	National
Industry (employer / employee)*									
Industry association*									
Union*									
Registered Training Organisation (RTO) *									
Government department									

* 98 stakeholders were contacted directly via email to engage in project consultations. These individuals included representatives from industry associations and regional hubs, employers, registered training organisations and skills advisory bodies in each state. The majority of associations and skills advisory bodies distributed the project's information and links to draft components to their members to encourage participation. Along with the news updates issued by Skills Impact, editorial and advertisement messages about the project and its consultations were published in external industry publications such as Australasian Timber. Representatives from the Construction Forestry Maritime Mining and Energy Union (CFMMEU) were kept informed of the project and encouraged to communicate it to members.

** No feedback was received from the ACT or NT during the validation stage and although the timber processing sector in these states is small when compared with other states, they were kept informed throughout the project.

Feedback received during the 'Validation' period for the units of competency has been positive, with minor changes or updates suggested by stakeholders.

Below is a summary of the feedback raised for the draft qualifications, units of competency and skill sets developed and reviewed for the Sawmilling and Timber Processing project, and how these have been dealt with. This involves a consideration of the information provided, views of industry stakeholders and from people who are part of the Subject Matter Expert Working Group process. Resolutions are constructed to consider the needs and views of stakeholders to the extent possible, and to comply with the *Standards for Training Package 2012*. The resolutions may represent a compromise on one or more stakeholder views with the aim of a workable outcome for industry, State and Territory Training Authorities (STAs) and training providers.

Acronyms: PC – Performance Criteria, PE – Performance Evidence, KE – Knowledge Evidence, AC – Assessment Conditions, SMEs – Subject Matter Experts, MEM – Manufacturing and Engineering

Table of Contents

Summary of Feedback on Draft Qualifications	3
General Comments	3
FWP2XX22 Certificate II in Timber and Wood Products Operations	4
FWP3XX22 Certificate III in Timber and Wood Products Operations	5
FWP3XX22 Certificate IV in Timber and Wood Products Operations	6
Summary of Feedback on Draft Skill Sets.....	6
Summary of Feedback on Draft Units of Competency	8
General comments	8
Production Supervision – Revised Units	10
FWPCOT4XXX Plan for and supervise timber treatment plant operations.....	10
FWPCOT4XXX Plan for and supervise log yard operations	12
FWPTMM4216 Plan for and supervise engineered wood product operations	13
FWPSAW4XXX Plan for and supervise timber dry mill operations.....	14
FWPSAW4209 Plan for and supervise log processing operations	15
FWPSAW4208 Plan for and coordinate timber kiln drying operations.....	16
Chain of Custody – New Units.....	17
General Comments	17
Equipment Maintenance – New and Revised Units	17
General Comments	17
FWPCOT3XXX Conduct operator level equipment maintenance in forest and wood products industry	18
Grading and Testing – Revised Unit.....	18
FWPTMM4XXX Test laminated wood product & FWPTMM4XXX Test finger jointed timber.....	18
Wood Chips - Revised Unit.....	19
FWPCOT3XXX Transfer wood chips & FWPCOT3XXX Test wood chips quality	19
Finger Jointing – Revised Unit.....	19
FWPCOT3XXX Set up and maintain timber finger jointing line	19
Other - New Unit.....	19
FWPCOT3XXX Communicate effectively with public members or stakeholders concerned about forest practices	19

Summary of Feedback on Draft Qualifications

General Comments

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
Employer (QLD, WA, VIC)	Qualifications and units endorsed	Noted. Thank you for your endorsement.
Employer (NSW)	Qualifications and units endorsed	Noted. Thank you for your endorsement.
Employer (SA)	Qualifications and units endorsed	Noted. Thank you for your endorsement.
Employer (NSW)	Qualifications and units endorsed	Noted. Thank you for your endorsement.
Employer (VIC, NSW, QLD)	<p>We had a quick review of all units and a detailed review the 3x Qual's and 38x of the units that we thought most relevant for us.</p> <p>Overall, we are very impressed with the modifications to the rules of the qual's, grouping of units and performance criteria and evidence from an industry perspective. This very much aligns with possible use of units, some qual's and potential skill set clusters for our development programs.</p> <p>Cert II, Good flexibility with rule changes and minimising pre-req better for industry. Still not sure if we would use full qual or selected skills.</p> <p>Cert III, as per Cert II</p> <p>Cert IV, same comment as above and with additional Production Supervision options with unit flexibility is aligning more with our business need and I can see this supporting our development framework for prod leadership level. Very positive.</p>	<p>Noted.</p> <p>Thank you for your review, comments and endorsement.</p>
Employer (QLD, NSW)	<p>Cert III and Cert IV would be the better quals for us. Who is Cert II typically aimed at (what roles)? Who has the final say on what subjects we choose – our organisation would want to have that say for consistency across our sites.</p>	<p>Thank you for your feedback.</p> <p>The Certificate II is intended for entry-level workers who assist skilled operators and production processes within a specific/narrow area of work. This qualification may also be used to teach learners enrolled in school-based VET traineeships and other VET in school programs focusing on the production of timber and wood products. It teaches the basic level of communication and technical knowledge and skills to begin a career in the timber industry.</p>

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
		Employers can choose, through discussions with selected or available RTOs, which units of competency are needed and should be undertaken by their employees. The only condition for obtaining a qualification is that the learner completes the number of units specified in the Packaging Rules (refer to the third section in the qualification documents). It should also be noted that employees may choose to enrol in individual units if a full qualification is not deemed necessary.
Union (National)	I am very pleased with the changes, I think they better reflect the modern changes in our industry.	Noted. Thank you for your endorsement.
Employer (TAS, SA)	The key changes all make sense to me.	Noted. Thank you for your endorsement.
Industry Association (QLD)	<p>These qualification changes are based on industry needs and focus on the knowledge and behaviours required to create value and make an impact in the changing world of work within timber and wood products operations.</p> <p>Whilst facilitating the South & Central Queensland Forestry Hub skills and training working groups, the skill needs for equipment maintenance, testing procedures and glue systems have been discussed. It is good to see that the following has been amended.</p> <p>I am also interested to receive information regarding the proposed skill sets as these topics have been discussed recently at the working group meetings.</p>	Noted. Thank you for your endorsement.
RTO (QLD, NSW)	Qualifications, skill sets and units endorsed	Noted. Thank you for your endorsement.

FWP2XX22 Certificate II in Timber and Wood Products Operations

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
Government Department (WA)	<p>A number of TLI elective units listed on the Cert II and FWPCOR2203 are superseded. They should reflect the new codes and titles.</p> <p>Also note a missing prerequisite for MEM05006, i.e. MEM11011.</p>	Thank you for your feedback and for identifying these errors. They have now been rectified.

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
RTO (Vic)	<p>Is this unit correct? Does not appear in reviewed or new unit list:</p> <p>FWPCOT2XXX Shut down and isolate plant, machinery or equipment in forest and wood products industry</p>	<p>Thank you for identifying this error, which has been rectified by removing FWPCOT2XXX Shut down and isolate plant, machinery or equipment in forest and wood products from the Cert II. After further consideration, the unit was no longer developed as the intended skills have been included in the revised unit, FWPCOT3XXX Conduct operator level equipment maintenance in forest and wood products industry, which is an elective in the Cert III.</p>

FWP3XX22 Certificate III in Timber and Wood Products Operations

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
Government Department (WA)	<p>Note that TLID1001 and FWPCOT3234 are superseded. They should reflect the new codes and titles.</p>	<p>Thank you for identifying these errors. They have been rectified.</p>
	<p>Regarding packaging rules for qualification and specialisation:</p> <ul style="list-style-type: none"> • FWP3XX22 Certificate III in Timber and Wood Products Operations • FWP3XX22 Certificate III in Timber and Wood Products Operations (Timber Production) <p>Can the same Group B units be chosen, meeting <u>both</u> packaging rules?</p> <p>How does an RTO choose the qualification to award?</p>	<p>Thank you for your feedback and questions.</p> <p>The packaging rules are:</p> <p>To achieve this qualification, competency must be demonstrated in:</p> <ul style="list-style-type: none"> • 13 units of competency: <ul style="list-style-type: none"> • 2 core units • 11 elective units. <p>For the award of the <i>FWP30322 Certificate III in Timber and Wood Products Operations</i> choose:</p> <ul style="list-style-type: none"> • at least 5 units from the electives in Group A • at least 4 units from the electives in Groups B to H • remaining units can be selected from Groups A to H and can include up to 2 units from any currently endorsed Training Package or accredited course. <p>For the award of the <i>FWP30322 Certificate III in Timber and Wood Products Operations (Timber Production)</i> choose:</p> <ul style="list-style-type: none"> • at least 5 units from the electives in Group A • at least 4 units from the electives in Groups B and/or G • remaining units can be selected from Groups A to H and can include up to 2 units from any currently endorsed Training Package or accredited course.

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
		<p>If 4 to 6 units are selected from group B and/or G, the RTO should issue the Timber Production specialisation.</p> <p>If any other combination of units is selected from Groups B to H and does not satisfy the rules for other specialisations, the RTO should issue the generic qualification.</p>
RTO (Vic)	Should this unit be “test wood chips”? – FWPCOT3XXX Assess wood chips	<p>Thank you for feedback and identifying this error.</p> <p>This unit has now been updated and renamed as FWPCOT3XXX Test wood chips quality.</p>

FWP3XX22 Certificate IV in Timber and Wood Products Operations

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
Employer (QLD, NSW)	<p>In Cert IV we would like to see the following units in competitive systems and practices:</p> <ul style="list-style-type: none"> Visual management; 5 S; problem solving 	<p>Thank you for your feedback.</p> <p>The Certificate IV has been updated to include several units on competitive systems and practices, which are also proposed to form leadership and management skill sets for frontline and technically proficient production personnel who pursue a leadership career in the forest and wood products industry.</p>
Government Department (WA)	Note that FWPCOR4201 and FWPCOR4203 are superseded. They should reflect the new codes and titles.	<p>Thank you for feedback and for identifying these errors.</p> <p>These have now been rectified.</p>

Summary of Feedback on Draft Skill Sets

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
Industry Association (QLD)	Raised the need for skill sets to develop future leaders and create career pathways into the saw technicians and wood machinist jobs.	<p>Thank you for your feedback.</p> <p>New skill sets have been created in consultation with stakeholders to address the identified need.</p>
Employer (QLD, NSW, VIC)	This is looking great! This year, I am drafting a foundational frontline leadership development plan [for the organisation] and would like to marry it up to a qualification.	<p>Noted.</p> <p>Thank you for your endorsement.</p>

Stakeholder Comments and Identified Issues	Consideration and Proposed Resolution
<p>Employer (QLD, NSW, VIC)</p> <p>Participant suggested skill sets to offer an introduction to saw technician and wood machinists and to support the development of front line and technical staff. Yes, visual management for manufacturing operations is a good inclusion. Kiln drying, timber treatment and engineered wood products skill set for leaders are missing from the drafts presented.</p> <p>Suggestions to the drafts presented:</p> <ul style="list-style-type: none"> • Remove FWPSAW3234 and FWPSAW3251 and add the following in the Entry into a saw technician role skill set <ul style="list-style-type: none"> FWPSAW3235 Recondition saw guides FWPSAW3244 Align sawing production systems FWPCOT3282 Assess and maintain saw blade and sawing machine performance FWPCOT3283 Sharpen and position blades of knives in chipper, canter and reducer • Replace FWPCOT2XXX cut timber or engineered wood products to length and dimensions with FWPCOT2242 	<p>Thank you for your feedback.</p> <ul style="list-style-type: none"> • The suggested changes to the introduction skill sets have been adopted. • Additional leadership skill sets were created for kiln drying, timber treatment and engineered wood products operations.
<p>Employer (Qld, NSW)</p> <p>Participant supported the comments above.</p>	<p>Thank you for your feedback.</p>

Summary of Feedback on Draft Units of Competency

General comments

Stakeholder Comments and Identified Issues	Consideration and Proposed Resolution
<p>Employer (VIC, NSW, QLD)</p> <p>I have not made comments for every unit as there were not very many specific issues but have a summary list below.</p> <ul style="list-style-type: none"> • Production Supervision <ul style="list-style-type: none"> • Changes/Implementation of supervision criteria across all facets (Log Yard, Greenmill, Kilns, Drymill & Treatment) most beneficial and usable unit change. Just what sawmilling businesses have needed. • General comment- assumes knowledge of all Log activity/processes but no comments seen for pre-req's or technical experience in field in these cases eg Log Yard- chain of custody • General comment- they state no licensing, legislation or certification but some may have these or regulatory/Aust Std activity eg Log Yard, Kiln (structural) 	<p>Thank you for your comment and support.</p> <p>We recognise the importance of prior field experience, but units are not designed to prescribe such requirements. These are, in a broader sense, employer or employment requirements, not training requirements. Prerequisite units are sometimes included in units, but only when they are essential for teaching the skills described in the main unit.</p> <p>The statement “No licensing, legislative or certification requirements apply to this unit at the time of publication” refers to occupational licencing requirements. That is, when workers require a professional licence to perform the job.</p> <p>However, in response to your comment, we have updated the Knowledge Evidence and relevant parts of the following units to include references to, and thus responsibility for teaching, industry standards relevant to the task:</p> <ul style="list-style-type: none"> • production supervision • finger jointing • timber drying • chain of custody • grading and testing • gluing • engineered wood products.
<ul style="list-style-type: none"> • Chain of Custody <ul style="list-style-type: none"> • Good inclusion, not for all but required 	<p>Noted.</p> <p>Thank you for your comment and support.</p>
<ul style="list-style-type: none"> • Basic Equipment Maintenance <ul style="list-style-type: none"> • We handle shut down and isolation of equipment internally, most industry would I think as machine specific • Pneu & Hyd, we would use MEM for this, can forestry TAFE's delivery this to industry standard 	<p>Thank you for your comment and support.</p> <p>All FWP machine operation units include equipment shut down requirements, which are now also included in the unit FWPCOT3XXX Conduct operator level equipment maintenance in forest and wood products industry.</p> <p>We have been advised that our industry previously used the unit MEM18011 Shut down and isolate machines/equipment for the key areas outlined below. This unit now includes a set of prerequisite units, making the unit unfeasible for our employers.</p>

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
		<ol style="list-style-type: none"> 1) Harvesting machinery operators need to know how to safely shut down and isolate their machines including hydraulic systems. This is done for the purposes of operator maintenance including lubrication and checking fluid levels. 2) Sawmilling and Processing centres used the previous unit to ensure conditions are safe and machinery cannot be restarted for the purposes of changing blades and knives, clearing blockages, kiln and boiler maintenance. These often involve electric, hydraulic and pneumatic systems in addition to gravitational forces. Kiln and boiler shut down/isolation may involve steam or thermal oil under pressure and hazards from radiant heat. One site used the unit for all cleaners and other employees involved in cleaning. 3) Plywood and veneer processors - some of these sites used the previous unit for shut down and isolation of veneer dryers for purposes of clearing blockages, conducting heat plant maintenance, conducting conveyor maintenance. The larger veneer dryers tend to use steam under pressure to heat the chambers and complicated roller transfer systems. <p>The MEM units for pneumatic and hydraulic maintenance are intended for mechanical trades and they require more than 10 prerequisite units.</p> <p>The new pneumatics and hydraulics unit created for our industry is intended for saw technicians and other technical experts who are responsible for the operation of saw shops, production lines and other forestry equipment and are required to have a working understanding of hydraulic and pneumatic principles in order to contribute to the identification of plant and equipment failures and to communicate effectively with maintenance and engineering teams.</p>
	<ul style="list-style-type: none"> • Grading <ul style="list-style-type: none"> • Grouping of grading units great • In our case testing units more with Wood Machinists, will these new units be updated in those qual's (or are they already, I didn't check, sorry) 	<p>Thank you for your comment and support. Yes, these units have been added to the Certificate III in Wood Machining.</p>
	<ul style="list-style-type: none"> • Log Sawing <ul style="list-style-type: none"> • Automated saw line good addition as aligns with our facilities, not sure how TAFE's will be able to train these. Is there a support required from industry here for support? 	<p>Noted. This issue is beyond the scope of this project, but the new Industry Cluster enterprise responsible for this sector will be provided with all the details to ensure there is continuing assistance provided to training providers and employers in developing the capacity to deliver these units.</p>

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
	<ul style="list-style-type: none"> Timber Drying/Energy Generation <ul style="list-style-type: none"> Timber drying links to regulatory/Aust Std activity depending on application Steam and Heat Plant , good grouping 	The Knowledge Evidence and relevant parts of the majority of the units have been updated to include references to, and thus responsibility for teaching, industry standards relevant to the task.
	<ul style="list-style-type: none"> Log Yard <ul style="list-style-type: none"> Good change for industry use, again possibly some regulatory eg. Mentions weights and volumes but no link to CoR, state Road requirements with trucks 	The Knowledge Evidence and relevant parts of the majority of the units have been updated to include references to, and thus responsibility for teaching, industry standards relevant to the task.
	<ul style="list-style-type: none"> Finger Jointing <ul style="list-style-type: none"> Operating FJ line good, again expectation of knowledge referring to tech and grading knowledge but no mention with experience or pre-req 	We recognise the importance of prior field experience, but units are not designed to prescribe such requirements. These are, in a broader sense, employer or employment requirements, not training requirements. Prerequisite units are sometimes included in units, but only when they are essential for teaching the skills described in the main unit.
	<ul style="list-style-type: none"> Gluing/Dressing/CNC <ul style="list-style-type: none"> Nice changes but from an industry focus we used trades for this currently, but good to have for skill set development for operator development pathways 	Noted. Thank you for your comment and support.

Production Supervision – Revised Units

FWPCOT4XXX Plan for and supervise timber treatment plant operations

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
RTO (Vic)	Regarding PC 1.2 – identification of hazards and assessment of potential risks does not appear explicitly in the KE. Suggest review/add KE WHS	Accepted. Thank you for your feedback. New Knowledge Evidence item added to unit - hazards and potential risks associated with timber treatment operations, including chemical hazards and actions to mitigate risks associated with chemical use.
Employer (VIC, NSW, QLD)	Review comment on regulations applying to use of treatment chemicals	Accepted. Thank you for your feedback. Amended application statement to read - State and territory regulations, standards and environmental protection licences apply in some jurisdictions to the timber preservation facilities and the use of chemicals used in timber treatment.

Stakeholder Comments and Identified Issues	Consideration and Proposed Resolution
	<p>Strengthen technical requirements in performance criteria, including inspection of raw materials</p>
	<p>Accepted.</p> <ul style="list-style-type: none"> • Revised PC 1.1 to read - Confirm workplace safety, environment, containment, quality and operational procedures for chemical treatment of timber • Revised PC 1.2 to read - 1.2 Identify hazards, assess potential risks and confirm risk mitigation measures, including use of personal protective equipment [PPE], associated with timber treatment operations • Revised PC 1.4 to read 1.4 1.4 Confirm type, components, operating parameters, capability and capacity of treatment plant • Inserted PC 1.5 Inspect raw materials, identify possible production and quality implications and communicate variations to production methods to team members • Revised PC 1.6 to read - 1.6 Assess preservative type and formulation, treatment process, treatment suitability of wood and estimate solution absorption • Insert new PC 2.6 - 2.6 Investigate causes of solution imbalance and implement appropriate possible corrective actions • Revised PC 1.8 to read - 1.8 Plan and apply environmental protection requirements, including the safe disposal of waste material, water management procedures, the safe use and storage of chemicals and the minimisation of carbon emissions
	<p>Increase volume of evidence required for valid and reliable assessment</p>
	<p>Accepted.</p> <p>Amended PE to read - There must be evidence that the individual has planned and supervised a timber treatment operation for two production cycles.</p>
	<p>Address maintenance requirements</p>
	<p>Accepted.</p> <p>Revised Element 4 to read - Apply treatment plant maintenance and inventory management requirements.</p>
	<p>Check PCs for compliance with requirement of work at Cert IV level</p>
	<p>Noted.</p> <p>PCs checked and appropriate for level of work to be performed.</p>

FWPCOT4XXX Plan for and supervise log yard operations

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
Employer (VIC, NSW, QLD) Mark Costolloe, AKD	Strengthen technical requirements in performance criteria, including inspection of raw materials	Accepted. Thank you for your feedback. <ul style="list-style-type: none"> • Inserted PC 1.4 Inspect raw materials, identify possible production and quality implications and communicate variations to production methods to team members • Revised PC 2.1 to read 2.1 Monitor workflow and operations and check that schedule, targets, performance indicators, environmental requirements and product specifications are met • Insert new PC 3.2 to read 3.2 Report on production, safety, environment and quality metrics to appropriate personnel according to workplace procedures • Revised PC 1.2 to read -1.2 Confirm workplace health and safety, quality and environment protection procedures • Revised PC 1.1 to read - 1.1 Review log yard procedures, production requirements and confirm schedules, targets, specifications and performance indicators • Insert new PC 2.4 to read - 2.4 Monitored log yard to identify operational problems, including vehicle movements, in-flow management and raw material availability, and implement appropriate remedial actions
	Increase volume of evidence required for valid and reliable assessment	Accepted. Amended PE to read - There must be evidence that the individual has planned and supervised the operations of a log yard for two production cycles.
	Address maintenance requirements	Accepted. Inserted new Element 4 and associated PCs to read: 4. Apply log yard maintenance and inventory management requirements 4.1 Apply routine and preventative maintenance and cleaning requirements 4.2 Maintain product and material inventory levels to meet production and contingency requirements
	Check PCs for compliance with requirement of work at Cert IV level	Noted. PCs checked and appropriate for level of work to be performed.

FWPTMM4216 Plan for and supervise engineered wood product operations

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
Employer (VIC, NSW, QLD)	Include finger jointed production in unit application	<p>Accepted. Thank you for your feedback.</p> <ul style="list-style-type: none"> Application statement amended to read: This unit of competency describes the skills and knowledge required to plan, coordinate and evaluate the manufacture of engineered wood products, including plywood, laminated veneer lumber (LVL), particleboard, medium-density fibreboard (MDF), cross laminated timber (CLT), finger jointed product and glue laminated timber (GLT) production. Amended PE to include finger jointed product to read – There must be evidence that the individual has planned for and supervised two production cycles for one engineered wood product selected from: <ul style="list-style-type: none"> plywood laminated veneer lumber (LVL) particleboard medium-density fibreboard (MDF) cross laminated timber (CLT) finer jointed product glue laminated timber (GLT).
	Strengthen technical requirements in performance criteria, including inspection of raw materials	<p>Accepted.</p> <ul style="list-style-type: none"> Revised PC 1.2 to read - 1.2 Confirm workplace health and safety, quality and environment protection procedures Inserted new PC 3.2 to read 3.2 Report on production, safety, environment and quality metrics to appropriate personnel according to workplace procedures
	Increase volume of evidence required for valid and reliable assessment	<p>Accepted.</p> <p>Amended PE to read There must be evidence that the individual has planned for and supervised two production cycle for one engineered wood product selected from:</p>
	Address maintenance requirements	<p>Accepted.</p> <p>Inserted new Element 4 and associated PCs to read:</p> <p>4. Apply maintenance and inventory management requirements</p> <p>4.1 Apply routine and preventative maintenance and cleaning requirements</p>

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
		4.2 Maintain product and material inventory levels to meet production and contingency requirements
	Check PCs for compliance with requirement of work at Cert IV level	Noted. PCs checked and appropriate for level of work to be performed

FWPSAW4XXX Plan for and supervise timber dry mill operations

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
Employer (VIC, NSW, QLD)	Strengthen technical requirements in performance criteria, including inspection of raw materials	Accepted. Thank you for your feedback. <ul style="list-style-type: none"> Revised PC 1.2 to read - 1.2 Confirm workplace health and safety, quality and environment protection procedures Inserted new PC 3.2 to read 3.2 Report on production, safety, environment and quality metrics to appropriate personnel according to workplace procedures Revised PC 2.8 to read - 2.8 Respond to breakdowns, disruptions to production and unplanned events, including equipment failures at process stages, bottlenecks in production process and product variations, according to workplace procedures Added new PC 2.3 to read - 2.3 Monitor operation of plant and equipment used in dry mill operations Revised PC 2.11 to read - 2.11 Investigate, record and report information on output, quality, workplace health and safety and equipment faults processing and equipment faults and resolve or report to appropriate personnel Revised Element 4 to read - Apply dry mill maintenance and inventory management requirements
	Increase volume of evidence required for valid and reliable assessment	Accepted. Amended PE to read - There must be evidence that the individual has planned and supervised two production cycles for one softwood or hardwood dry mill.
	Address maintenance requirements	Accepted. Inserted new Element 4 and associated PC to read: 4. Apply dry mill maintenance requirements 4.1 Apply routine and preventative maintenance and cleaning requirements

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
		4.2 Maintain product and material inventory levels to meet production and contingency requirements
	Strengthen KE	Accepted. Revised KE item to read - type, procedures, common faults and equipment used in production processes in dry mill operations:
	Check PCs for compliance with requirement of work at Cert IV level	Noted. PCs checked and appropriate for level of work to be performed

FWPSAW4209 Plan for and supervise log processing operations

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
Employer (VIC, NSW, QLD)	Strengthen technical requirements in performance criteria, including inspection of raw materials	Accepted. Thank you for your feedback. <ul style="list-style-type: none"> Revised PC 1.2 to read - 1.2 Confirm workplace health and safety, quality and environment protection procedures, including use of personal protective equipment (PPE), the safe disposal of waste material, and compliance with chain of custody requirements Revised PC 1.4 to read - 1.4 Confirm stages in log processing operations to produce sawn products, veneer or wood chips Revised PC 1.5 to read - 1.5 Identify hazards and associated risks, and implement and risk control strategies as identified through risk assessments, manufacturer technical information, regulations and industry health and safety guides Inserted new PC - 1.6 Inspect raw materials, identify possible production and quality implications and communicate variations to production methods to team members Inserted new PC - 2.5 Monitor operation of plant and equipment used in log processing operations Inserted new PC - 3.2 Report on production, safety, environment and quality metrics to appropriate personnel according to workplace procedures Revised element 4 to read – Apply maintenance and inventory management requirements
	Increase volume of evidence required for valid and reliable assessment	Accepted.

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
		<p>Revised PE to read - There must be evidence that the individual has planned and supervised the log processing operations for two production cycles for one of the following:</p> <ul style="list-style-type: none"> • sawn product production • veneer production • wood chip production.
	Address maintenance requirements	<p>Accepted.</p> <p>Added Element 4 and associated PCs to read:</p> <p>4. Apply maintenance requirements for log processing operations</p> <p>4.1 Apply routine and preventative maintenance and cleaning requirements</p> <p>4.2 Maintain product and material inventory levels to meet production and contingency requirements</p>
	Strengthen KE	<p>Accepted.</p> <p>Inserted new KE to read:</p> <ul style="list-style-type: none"> • veneer/sawn timber product processing <ul style="list-style-type: none"> • finished goods • processing quality • processing techniques • use of waste
	Check PCs for compliance with requirement of work at Cert IV level	<p>Noted.</p> <p>PCs checked and appropriate for level of work to be performed</p>

FWPSAW4208 Plan for and coordinate timber kiln drying operations

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
Employer (VIC, NSW, QLD)	Strengthen technical requirements in performance criteria, including inspection of raw materials	<p>Accepted. Thank you for your feedback.</p> <ul style="list-style-type: none"> • Revised PC 1.1 to read - Confirm type of kiln, kiln controls and workplace drying and kiln management procedures • Revised PC 1.3 to read - 1.3 Confirm workplace health and safety, quality and environment protection procedures, including use of

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
		<p>personal protective equipment (PPE), the safe disposal of waste material, the efficient use of energy and compliance with chain of custody requirements</p> <ul style="list-style-type: none"> • Revised PC 1.6 to read - 1.6 Inspect raw materials, identify possible production and quality implications and communicate variations to production methods to team members • Revised PC 2.1 to read - 2.1 Confirm capability, capacity and components of timber drying kiln and implement standard operating procedures for kiln • Revised element 4 to read – Apply maintenance and inventory management requirements
	Increase volume of evidence required for valid and reliable assessment	<p>Accepted.</p> <p>Revised PE to read - There must be evidence that the individual has planned, coordinated and evaluated two timber drying operations. In completing these activities, the individual has:</p>
	Check PCs for compliance with requirement of work at Cert IV level	<p>Noted.</p> <p>PCs checked and appropriate for level of work to be performed</p>

Chain of Custody – New Units

General Comments

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
Employer (NSW)	Thanks for the opportunity to look at the final draft qualifications, I have reviewed these and have no further comment to make.	<p>Noted.</p> <p>Thank you for your endorsement.</p>

Equipment Maintenance – New and Revised Units

General Comments

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
Employer (SA)	Units endorsed	Noted.

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
		Thank you for your endorsement.
Employer (QLD, NSW)	Units endorsed	Noted. Thank you for your endorsement.
Employer (VIC, NSW, QLD)	Units endorsed. I think the documents look to cover off an introduction to the principals of Hydraulics and Pneumatics so all good there, the other operator one does the same.	Noted. Thank you for your endorsement.
Employer (SA)	These read and present well. A couple of my team leaders have also read, reviewed, and discussed. So, I have nothing else really to add but Great Job, interested to see where this takes us in the future.	Noted. Thank you for your endorsement.

FWPCOT3XXX Conduct operator level equipment maintenance in forest and wood products industry

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
RTO (National)	Unit endorsed	Noted. Thank you for your endorsement.

Grading and Testing – Revised Unit

FWPTMM4XXX Test laminated wood product & FWPTMM4XXX Test finger jointed timber

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
RTO (Vic)	Regarding Assessment Conditions/physical conditions – should this be consistent with other units?	Thank you for your feedback. The wording for physical conditions has been changed to reflect consistency with other units.

Wood Chips - Revised Unit

FWPCOT3XXX Transfer wood chips & FWPCOT3XXX Test wood chips quality

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
RTO (Vic)	Unit sector inconsistent with code COT	Thank you for your feedback. The error has now been rectified.

Finger Jointing – Revised Unit

FWPCOT3XXX Set up and maintain timber finger jointing line

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
RTO (Vic)	Regarding unit mapping – is the mapping correct? Major changes to elements and PCs	Thank you for your feedback. The unit mapping has been amended to reflect major changes.

Other - New Unit

FWPCOT3XXX Communicate effectively with public members or stakeholders concerned about forest practices

Stakeholder Comments and Identified Issues		Consideration and Proposed Resolution
RTO (Vic)	This unit appears to be orphaned from the Certificate III in forest and wood products operations.	Thank you for your feedback. This unit has been added to the Certificate III in Timber and Wood Products as an elective. It will also be included in the Certificate III in Forest Operations.