ACSF qualification summary for:

**FPI30811 Certificate III in Woodmachining**

Note: This graph provides summary information only. For detail, refer to the *ACSF Skill indicator* table below.

This qualification is designed for operational job roles in the sawmilling and processing sector of the forest and forest products industry, such as wood machinist.

**Key foundation skills for this qualification**

**Learning** skills to identify equipment issues or problems and respond appropriately; carry out workplace procedures to company requirements; conduct grading and marking operations; evaluate, grade and direct log to best end use; identify and establish opportunities for professional development e.g. coaching, induction programs, training, performance appraisals; identify and follow correct procedures and process for meetings; identify and interpret drawing features and ensure they align with job requirements; identify and prioritise work tasks; identify faults and features in timber products and suggest strategies to overcome or maximise them, including the best saw pattern for the timber; plan contingency routes; detect and correct map errors and faults; organise duties, equipment and materials according to SHE requirements, workplace procedures and job requirements; prepare timber for despatch , preventing or minimising damage to product; review factors that can affect completion of work tasks e.g. hazards, risks, equipment malfunction, own skill level; select, use and maintain appropriate equipment and tools for the job task’ plan maintenance process in line with site procedures and environmental requirements; visually inspect and assess equipment and products.

* Training activities in this area could support the delivery of FSKLRG05 *Use strategies to plan simple workplace activities*, *FSKLRG09 Use strategies to respond to routine work problems* or *FSKLRG11 Use routine strategies for work related learning*.

**Reading** skills to access and interpret information from a range of sources, including company procedures, checklists, instructions, bulletins; gather and receive routine and familiar written instructions; identify and apply relevant and familiar occupational health and safety, environmental, legislative and organisational requirements and documentation; identify environmental organisational goals; interpret job requirements and work orders; interpret work signage and visual communications.

* Training activities in this area could support the delivery of *FSKRDG07 Read and respond to simple workplace information*, *FSKRDG06 Read and respond to routine simple informal workplace texts* or *FSKRDG05 Read and respond to simple workplace information.*

**Writing** skills to complete incident reports, environmental, hazard or SHE reports in accordance with workplace policies and procedures; conduct reporting which may include emailing, writing notes, or completing simple workplace proformas or documents; maintain workplace documentation; record and report interpretation activities and drawings; record learning and competency development information, manually or using computer-based systems; record quality output and timber assessment outcomes; record and report equipment faults and problems associated with the reconditioning process and equipment faults.

* Training activities in this area could support the delivery of *FSKWTG06 Write simple workplace information* or *FSKWTG09 Write routine workplace texts.*

**Oral communication** skills to clarify work order with appropriate personnel; communicate with co-workers using language and mannerisms that are socially and culturally acceptable; consult with appropriate personnel about opportunities for professional development; convey instructions accurately using communication modes such as active listening, constructive feedback, questioning, two-way radio; participate in simple meeting processes, including responding to others and making constructive contributions; promptly report factors affecting work tasks; receive and respond to verbal instructions; report hazards, SHE issues, equipment faults and maintenance requests to appropriate personnel; report learning and competency development information; report timber selection procedures and quality output seek appropriate support, including mentoring, coaching etc.

* Training activities in this area could support the delivery of *FSKOCM03 Participate in simple spoken interactions at work, FSKOCM07 Interact effectively with others at work or FSKOCM06 Use oral communication skills to participate in workplace teams.*

**Numeracy** skills to assess and report log defects, density and durability of timber using formulas, data tables, and hand-held programmable computers; check and conform with product specifications which includes industry standard cross section and lengths; evaluate blade characteristics, including angle, depth and number of teeth per metre; grade and mark logs, including calculating circumference, weight, diameter and volume of logs; use maps and compasses to calculate bearings while navigating; detect map errors; maintain workplace documentation such as sketches, drawings, tally sheets, quality forms and production sheets; measure, select and mark dimensions and tolerance; receive written instructions that may include graphical instructions, charts and hand drawings, maps, MSDS, diagrams, sketches and graphics; measure, estimate and calculate time required to complete a task.

* Training activities in this area could support the delivery of *FSKNUM15 Estimate, measure and calculate with routine metric measurements for work or FSKNUM14 Calculate with whole numbers and familiar fractions, decimals and percentages for work.*

**ACSF Skill indicators**

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| --- | --- | --- | --- | --- | --- |
| **Core units** | **Learning** | **Reading** | **Writing** | **Oral Comm** | **Numeracy** |
| FPICOR2201B | Work effectively in the forest and forest products industry | 2.01 | 2.02 | 2.03 | 2.04 | 2.05 | 2.06 | 3.07 | 3.08 | - | - | - |
| FPIC0R2202B | Communicate and interact effectively in the workplace | 2.01 | 2.02 | 2.03 | 2.04 | 2.05 | 2.06 | 3.07 | 3.08 | 2.09 | 2.10 | - |
| FPICOR3201B | Implement safety, health and environment policies and procedures | 3.01 | 3.02 | 3.03 | 3.04 | 3.05 | 3.06 | 3.07 | 3.08 | 2.09 | 2.10 | 2.11 |
| FPICOR3202B  | Conduct quality and product care procedures | 2.01 | 2.02 | 2.03 | 2.04 | 2.05 | 2.06 | 2.07 | 2.08 | 2.09 | 2.10 | - |
| FPICOT3201B | Hand sharpen knives and blades | 3.01 | 3.02 | 3.03 | 3.04 | 2.05 | 2.06 | 2.07 | 2.08 | 2.09 | 2.10 | - |
| FPICOT3204B | Prepare and interpret sketches and drawings | 3.01 | 3.02 | 2.03 | 2.04 | 2.05 | 2.06 | 2.07 | 2.08 | 3.09 | 3.10  | 3.11 |
| FPICOT3247B | Select timber for forestry operations | 2.01 | 2.02 | 2.03 | 2.04 | 2.05 | 2.06 | 2.07 | 2.08 | 2.09 | 2.10 | 2.11 |
| FPISAW3228B | Apply principles of blade design to sawing procedures | 2.01 | 2.02 | 2.03 | 2.04 | 2.05 | 2.06 | 2.07 | 2.08 | 2.09 | 2.10 | - |
| **Performance Variables** Level 2 simple familiar texts and vocabulary with clear purpose; with support available if requested; a limited range of contexts; and limited steps in the work process.Level 3 routine texts; working independently in a range of familiar contexts in tasks involving a number of steps in the work process. |