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| FWPSS00070 | Process Control and Optimisation (Timber Sawmills) Skill Set |

Modification History

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| Release | Comments |
| Release 1 | This version released with FWP Forest and Wood Products Training Package Version 8.0. |

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| Description  This skill set provides the skills and knowledge required to manage process control and optimisation in a timber sawmill. This covers identifying opportunities for timber and workflow optimisation, monitoring output timber and developing and implementing a plan to ensure maximum volume and value recovery. It includes implementing six sigma to minimise defects and improve processes and/or products and reviewing Just in Time key performance indicators with appropriate personnel up and down the value stream to identify issues and take prompt actions. |
| Pathways Information  These units of competency provide credit towards FWP40222 Certificate IV in Timber and Wood Products Operations from the FWP Forest and Wood Products Training Package. |
| Licensing/Regulatory Information  No licensing, legislative or certification requirements apply to this skill set at the time of publication. |
| Skill Set Requirements   * FWPCOT3291 Apply principles of timber and process optimisation in sawmill operations * FWPSAW4206 Monitor output timber for optimum volume and value recovery * FWPSAW4207 Optimise timber production for volume and value recovery * MSS403021 Facilitate a Just in Time system * MSS404054 Apply statistics to operational processes * MSS405053 Manage application of six sigma for process control and improvement |
| Target Group  This skill set is for people who hold a team leader position or are interested in pursuing a management career in the timber and wood products industry. |
| Suggested words for Statement of Attainment  These competencies from the FWP Forest and Wood Products Training Package and MSS Sustainability Training Package meet the industry requirements for providing process management and optimisation skills for timber sawmill operations. |