Modification History

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

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| FWP40222 | Certificate IV in Timber and Wood Products Operations |
| Qualification Description  This qualification reflects the skills and knowledge of people who work as production supervisors and technicians in a timber or wood products production facility.  Individuals with this qualification apply a broad range of advanced technical and supervisory skills. These include knowledge of timber or wood products production processes and the skills required to manage technical operations, address production issues, maintain individual and team performance, maintain equipment for stable and continuous operations, monitor health and safety, quality and environmental protection requirements in timber or wood products production facilities.  At this level, individuals are expected to work autonomously, exercise judgement in making workplace decisions, take responsibility for their own outputs at the workplace and supervise the work of others.    No licensing, legislative or certification requirements apply to this qualification at the time of publication. | |
| Entry Requirements  There are no entry requirements for this qualification. | |
| Packaging Rules  To achieve this qualification, competency must be demonstrated in:   * 12 units of competency consisting of 12 elective units.   Elective units must ensure the integrity of the alignment between the qualification and the Australian Qualifications Framework (AQF) and contribute to a valid, industry supported vocational outcome. The electives are to be chosen as follows:   * at least 1 unit from the electives in Group A * at least 3 units from the electives in Group B * at least 3 units from the electives in Group C * up to 2 units from the electives in Group E * remaining units can be selected from Groups A to F and can include up to 2 units from any currently endorsed Training Package or accredited course.   Elective Units  An asterisk (\*) next to the unit code indicates that there are prerequisite requirements which must be met when packaging the qualification. Please refer to the Prerequisite requirements table for details.  Group A: Safety   |  |  | | --- | --- | | BSBWHS515 | [Lead initial response to and investigate WHS incidents](https://aus01.safelinks.protection.outlook.com/?url=https%3A%2F%2Ftraining.gov.au%2FTraining%2FDetails%2FBSBWHS515&data=04%7C01%7Cgdaian%40forestworks.com.au%7Cd770be3b8870485df61208d90b655760%7C95ff684b4ed34b7d8e2d6028cb933a80%7C0%7C0%7C637553352164829047%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=ovmJViLJ8k0hlYSxOb2PCfu60acMQsrFOuqF8xS5tiQ%3D&reserved=0) | | FWPCOR4204 | Monitor safety, health and environmental requirements in forest and wood products operations | | HLTAID016 | Manage first aid services and resources | | TLIF0014 | Monitor the safety of transport activities (Chain of Responsibility) |   Group B: Quality systems  Competitive systems and practices   |  |  | | --- | --- | | BSBSTR402 | Implement continuous improvement | | FWPCOT4213 | Monitor and manage product and service quality in the forest and wood products industry | | MSS402040 | Apply 5S procedures | | MSS403001 | Review competitive systems and practices | | MSS403010 | Facilitate change in an organisation implementing competitive systems and practices | | MSS403021 | Facilitate a Just in Time system | | MSS404054 | Apply statistics to operational processes | | MSS405053 | Manage application of six sigma for process control and improvement | | MSS407010 | Improve visual management in the workplace | | MSS407016 | Lead a process to determine and solve root cause for a complex problem |   Chain of Custody   |  |  | | --- | --- | | FWPCOT4223 | Assess requirements of chain of custody certification scheme for forest and wood products | | FWPCOT4224 | Conduct internal audit of chain of custody certification for forest and wood products |   Plant and equipment maintenance   |  |  | | --- | --- | | AHCMOM402 | Supervise maintenance of property, machinery and equipment | | FWPCOT3282 | Assess and maintain saw blade and sawing machine performance | | FWPCOT3295 | Assess and maintain cutter performance | | FWPCOT4225 | Apply principles of pneumatics and hydraulics to analyse potential equipment failures |   Grading and testing   |  |  | | --- | --- | | FWPTMM4213 | Test finger jointed timber | | FWPTMM4214 | Test laminated wood product | | MSL973022 | Conduct laboratory-based acceptance tests for construction materials |   Group C: Operations management  Timber production optimisation   |  |  | | --- | --- | | 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 |   Production supervision   |  |  | | --- | --- | | FWPCOT4221 | Plan for and supervise log yard operations | | FWPCOT4222 | Plan for and supervise timber treatment plant operations | | FWPSAW4208 | Plan for and coordinate timber kiln drying operations | | FWPSAW4209 | Plan for and supervise log processing operations | | FWPSAW4210 | Plan for and supervise timber dry mill operations | | FWPTMM4215 | Plan for and coordinate timber product assembly | | FWPTMM4216 | Plan for and supervise engineered wood product operations |   Operational planning   |  |  | | --- | --- | | AHCWRK513 | Write and present reports | | BSBOPS402 | Coordinate business operational plans | | BSBOPS403 | Apply business risk management processes | | BSBPMG427 | Apply project procurement procedures | | FWPCOT3338 | Identify glues and gluing systems used in production of wood products | | FWPCOT4211 | Monitor stock control procedures | | FWPTMM4212 | Calculate production costs | | MEM30021A | Prepare a simple production schedule | | TLIR4002 | Source goods/services and evaluate contractors |   Waste Management   |  |  | | --- | --- | | CPPWMT4003 | Implement waste management plans | | CPPWMT4010 | Assess and advise on waste avoidance options |   Group D: Prefabricated timber building systems   |  |  | | --- | --- | | FWPTMM5209 | Determine prefabricated timber building systems designs for compliance, manufacture and installation | | FWPTMM5210 | Verify compliance and conformance of prefabricated timber building systems during manufacture |   Group E: Leadership and personal effectiveness   |  |  | | --- | --- | | BSBHRM413 | Support the learning and development of teams and individuals | | BSBLDR413 | Lead effective workplace relationships | | BSBPEF301 | Organise personal work priorities | | BSBXCM401 | Apply communication strategies in the workplace | | BSBXTW401 | Lead and facilitate a team |   Group F: Training and assessment   |  |  | | --- | --- | | TAEDEL301 | Provide work skill instruction | | TAEDEL401 | Plan, organise and deliver group-based learning | | TAEDEL402 | Plan, organise and facilitate learning in the workplace | | TAEDEL404 | Mentor in the workplace | | TAEDES401 | Design and develop learning programs | | |

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| Qualification Mapping Information   | Code and title current version | Code and title previous version | Comments | Equivalence status | | --- | --- | --- | --- | | FWP40222 Certificate IV in Timber and Wood Products Operations | FWP40216 Certificate IV in Timber Processing | Title changed  Revised packaging rules to better reflect outcomes  Removed core unit requirements  Revised the structure (groups) of the elective units  Imported elective units from other training packages  Added new units and revised existing units | Not equivalent | |
| Links  Companion Volumes, including Implementation Guides, are available at VETNet: <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47> |