

# **Recommended Qualification Structure for Wood Machining (Construction/Sawmilling Extrusion) Level 3**

This structure has been recommended by employers and stakeholders from the above occupational area for organisations to form the basis of academic capability and competence outcomes. Qualifications with a competence outcome at the above level must have units derived from the following National Occupational Standards (NOS) and consist of the mandatory/optional groups as stated.

## **MANDATORY**

- VR209 Confirm work activities and resources for the work
- VR210 Develop and maintain good working relationships
- VR211 Confirm the occupational method of work
- VR468 Produce sawn wood and wood-based products
- VR479 Resolve woodmachining problems
- VR641 Conform to general workplace health, safety and welfare

**Plus optional (six from the following, at least four must be selected from Option A)**

### **Option A**

- VR469 Produce planed wood and wood-based products
- VR470 Produce profiled wood and wood-based products
- VR471 Produce jointed wood and wood-based products
- VR472 Produce wood and wood-based products using computer numerically controlled/numerically controlled (CNC/NC) machinery
- VR480 Produce curved wood and wood-based products

### **Option B**

- VR473 Produce sanded wood and wood-based products
- VR474 Produce bored wood and wood-based products
- VR475 Produce and maintain woodmachining tooling
- VR476 Deal with product enquiries
- VR477 Machinery and equipment maintenance
- VR478 Produce edge treatment finishes to wood and wood-based products

**(Total 12)**

## Unit endorsements for Wood Machining (Construction/Sawmilling Extrusion) Level 3

Where industry requests; qualifications can be endorsed to show an option route and the type of resources and/or activities that relate to the unit. Listed below are the endorsements that can apply for units derived from the following NOS.

NOS	Endorsement
VR468	Band resaw Narrow band saw Parallel band saw Band mill Twin line resaw Hand fed circular rip saw Dimension/tilting arbour circular saw Sliding table panel saw Vertical wall panel saw Pullover cross cut saw Radial arm cross cut saw Straight line edger Multi-rip saw Beam saw Snip saw
VR469	Surface planer and thicknesser Four sided planer and moulder
VR470	Vertical spindle moulder Four-sided planer and moulder High-speed router Double-end tenoner Wood turning lathe Copying lathe Linear shaper Rotary shaper CNC/NC machines
VR471	Chisel morticer Chain morticer Slot morticer Dovetailer Vertical spindle moulder Stair router Single-end tenoner Double-end tenoner Round-end tenoner Router
VR472	High-speed router Window centre Single-end tenoner Double-end tenoner Panel saw Morticing machines Lathe Four-sided planer Sanding machine Boring machine Shaping machine Edge bander Spindle moulder Beam saw

NOS	Endorsement
VR473	Wide belt sander Overhead narrow belt sander Disc sander Bobbin sander Linisher Profile sander
VR474	Single-head machine Multi-head machine
VR477	Sawing machinery Planing machinery Profiling machinery Jointing machinery Sanding machinery Boring machinery CNC/NC machinery
VR479	Sawing machinery Planing machinery Profiling machinery Jointing machinery Sanding machinery Boring machinery CNC/NC machinery

**Note:** Where industry requests an Awarding Body to further endorse a unit, the Awarding Body must first seek approval from the Standards Setting Body to ensure the endorsement is appropriate to the unit.