

Matrix for Machine Tools and Machinery In Technology Classrooms (Victoria)

	Yr 7	Yr 8	Yr 9	Yr 10	Yr 11	Yr 12	VET
Portable Power Tools							
Angle (Disc) Grinder < 115 mm			✓	✓	✓	✓	✓
Angle (Disc) Grinder 115 + mm							✓
Cordless (Battery) Drill	✓	✓	✓	✓	✓	✓	✓
Belt Sander < 80 mm			✓	✓	✓	✓	✓
Belt Sander 105 mm					✓	✓	✓
Biscuit Jointer			✓	✓	✓	✓	✓
Circular Saw 190 mm							✓
Circular Saw 190 mm in fitted track						✓	✓
Domino Jointer				✓	✓	✓	✓
Electric Drill (10mm chuck)		✓	✓	✓	✓	✓	✓
Electric Drill (chuck >10mm)					✓	✓	✓
Electric Planer <90 mm					R	R	✓
Electric Soldering Iron	✓	✓	✓	✓	✓	✓	✓
Jigsaw			✓	✓	✓	✓	✓
Hot Melt Glue Gun	✓	✓	✓	✓	✓	✓	✓
Jigsaw Cordless	✓	✓	✓	✓	✓	✓	✓
LPG Propane Brazing Equipment	✓	✓	✓	✓	✓	✓	✓
Nibbler Shears			✓	✓	✓	✓	✓
Orbital Sander	✓	✓	✓	✓	✓	✓	✓
Plastic Strip Heater / Bender	✓	✓	✓	✓	✓	✓	✓
Oxy-Acetylene Heating/Cutting/Welding			✓	✓	✓	✓	✓
Random Orbital Sander	✓	✓	✓	✓	✓	✓	✓
Delta Sander	✓	✓	✓	✓	✓	✓	✓
Router (with fence, template, or ball cutter)			✓	✓	✓	✓	✓
Battery Screwdriver			✓	✓	✓	✓	✓
Scroll Saw		✓	✓	✓	✓	✓	✓
Spot Welder (Portable)			✓	✓	✓	✓	✓
Tube or Pipe Bender			✓	✓	✓	✓	✓
Veneer Trimmer			✓	✓	✓	✓	✓
Woodwork Fixed Machinery	Yr 7	Yr 8	Yr 9	Yr 10	Yr 11	Yr 12	VET
Bandsaw				✓	✓	✓	✓
Belt Sander - Linisher			✓	✓	✓	✓	✓
Bench Vertical Drill (Pedestal)	✓	✓	✓	✓	✓	✓	✓
Bench Polishing / Buffing Wheel			✓	✓	✓	✓	✓
Disc & Belt Combination Sander			✓	✓	✓	✓	✓
Disc Sander	✓	✓	✓	✓	✓	✓	✓
Dowelling / Morticing Machine			✓	✓	✓	✓	✓
Docking / Drop Saw / Drop & Slide Saw <270					R	R	✓
Dowelling Machine /Horizontal Borer			✓	✓	✓	✓	✓
Drum Sander			✓	✓	✓	✓	✓
Surface Planer / Jointer					R	R	✓
Panel Saw / Rip Saw / Bench Saw					R	R	✓
Panel Saw (Sliding Table)							✓
Portable Circular Saw					R	R	✓
Radial Arm Saw					R	R	✓
Router Table Sliding			✓	✓	✓	✓	✓
Router Table Sliding FESTO SAS 500			✓	✓	✓	✓	✓
Spindle Moulder							✓
Thicknesser					R	R	✓
"Triton" Work Bench (used as Spindle Moulder							

Woodwork Fixed Machinery	Yr 7	Yr 8	Yr 9	Yr 10	Yr 11	Yr 12	VET
"Triton" Work Bench (used as Dovetail or Biscuit Cutter)					✓	✓	✓
Vertical Spindle (Bobbin) Sander	✓	✓	✓	✓	✓	✓	✓
Vertical Panel Saw (Wall Saw)					✓	✓	✓
Wood lathe			✓	✓	✓	✓	✓
Small Mitre Saw (with workpiece clamps)			✓	✓	✓	✓	✓
Compound / Sliding Mitre Saw					R	R	✓
Metal Work Fixed Machinery	Yr 7	Yr 8	Yr 9	Yr 10	Yr 11	Yr 12	VET
Abrasive Cut Off Saw				✓	✓	✓	✓
Band Saw Metal				R	R	R	✓
Bench Drill (Pedestal)	✓	✓	✓	✓	✓	✓	✓
Bench Grinder (Pedestal)					R	R	✓
Bench Polishing / Buffing Wheel		✓	✓	✓	✓	✓	✓
Bending Machine (Manual)	✓	✓	✓	✓	✓	✓	✓
Bench Shears		✓	✓	✓	✓	✓	✓
CNC Lathe		✓	✓	✓	✓	✓	✓
CNC Milling Machine		✓	✓	✓	✓	✓	✓
Mill-Drill Machine			✓	✓	✓	✓	✓
Electric Arc Welder (Stick)				✓	✓	✓	✓
Electromagnetic Folder ("Magnabender")		✓	✓	✓	✓	✓	✓
Guillotine - Manual		✓	✓	✓	✓	✓	✓
Linishing Attachment on Pedestal Grinder			✓	✓	✓	✓	✓
Metal Circular Cold Saw				R	R	R	✓
Metal Lathe				✓	✓	✓	✓
Metal cutting Horizontal Bandsaw				✓	✓	✓	✓
MIG Welding			✓	✓	✓	✓	✓
Milling Machine				✓	✓	✓	✓
Panbrake Bending Machine	✓	✓	✓	✓	✓	✓	✓
Plasma Cutter					✓	✓	✓
Power Hacksaw			✓	✓	✓	✓	✓
Spot Welder (Fixed)	✓	✓	✓	✓	✓	✓	✓
Tube or Pipe Bender			✓	✓	✓	✓	✓
PLASTICS THERMOFORMING							
Plastics Strip Heater	✓	✓	✓	✓	✓	✓	✓
Plastics Vacuum Former	✓	✓	✓	✓	✓	✓	✓

Note regarding "Restricted" Equipment (R.)

The restricted plant items have been assessed as representing a greater risk of injury to students. Consequently their use is *restricted* to senior secondary students (Yrs 11-12) only who have passed a Restricted Plant Safe Use Competency test.

Only teachers who have attended the VRQA short course and been assessed as competent in the use of a restricted item of plant are permitted to assess and supervise a student using a restricted plant item.

Schools continuing to utilise restricted plant with students must

1. Complete and document a risk assessment of their technology workshop facility;
2. Undertake and document a plant risk assessment for each restricted item of plant in use.