



SAFE OPERATING PROCEDURE

Vertical Spindle Sander



DO NOT use this machine unless you have had instruction and training in its safe use and operation.

Teacher permission MUST be given to operate this machine.

The risk of injury when using this machine is **LOW**

IDENTIFIED RISKS AND HAZARDS

Specific hazards that may arise when operating the vertical spindle sander include:

- The abrasive surface can injure hands if contacted.
- Dust and particles can enter eyes.
- Dust created is an inhalation hazard.
- The workpiece can be thrown off the work table.



PRE-OPERATIONAL SAFETY

- The table should move freely and be free of all material except the workpiece.
- Check that the dust extraction system is working properly.
- Before use of the sander, any guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function.
- Ensure all guards are correctly fitted and secured.
- Check the condition of the abrasive on the drum. Also examine the drum for uneven wear and for nicks or tears on the edges.

OPERATING SAFETY PRECAUTIONS

- Ensure that the workpiece rests flat on the table at all times.
- Allow the drum to reach maximum speed before applying sanding pressure.
- Keep hands well away from the abrasive drum when the machine is running.
- Don't force the workpiece against the sanding drum. It will do the job better and safer at the rate for which it was designed.
- Support the workpiece adequately at all times during operation; maintain control of the work at all times.
- When the sanding operation is finished, switch the sander off and wait till the drum is stationary before leaving the work area.
- Don't overreach. Keep proper footing and balance at all times.
- **DO NOT** sand pieces of material that are too small to be safely supported.
- When sanding a large workpiece, provide additional support at table height.
- **AVOID** kickback by sanding in accordance with directional arrows.



This SOP does not necessarily cover all possible hazards associated with the use of this machine and should only be used with other safety instruction references. It is designed to be posted on the machine and act as a visual reminder to machine operators.

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