

POST THESE SAFETY RULES FOR REFERENCE.



SAFETY RULES FOR GRINDERS



▲ WARNING FAILURE TO FOLLOW THESE RULES MAY RESULT IN SERIOUS INJURY.

1. **READ AND UNDERSTAND** the instruction manual before operating this machine.
2. **DO NOT OPERATE THIS MACHINE** until it is completely assembled and installed according to the instructions.
3. **OBTAIN ADVICE** from your supervisor, instructor, or another qualified person if you are not thoroughly familiar with the operation of this machine.
4. **FOLLOW ALL WIRING CODES** and recommended electrical connections.
5. **DO NOT OPERATE THIS MACHINE** while under the influence of drugs, alcohol, or medication.
6. **WEAR EYE PROTECTION. ALWAYS USE SAFETY GLASSES.** Also use face or dust mask if cutting operation is dusty. Everyday eyeglasses are **NOT** safety glasses. **USE CERTIFIED SAFETY EQUIPMENT.** Eye protection equipment should comply with ANSI Z87.1 standards, hearing equipment should comply with ANSI S3.19 standards, and dust mask protection should comply with MSHA/NIOSH certified respirator standards. Splinters, air-borne debris, and dust can cause irritation, injury, and/or illness.
7. **WEAR PROPER APPAREL.** Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry which may get caught in moving parts. Nonslip footwear is recommended. Wear protective hair covering to contain long hair.
8. **USE THE GUARDS WHENEVER POSSIBLE.** Check to see that they are in place, secured, and working correctly.
9. **ALWAYS USE THE PROVIDED BLOTTER AND WHEEL FLANGES** to mount the grinding wheels on the grinder shaft to prevent wheel damage or accidental separation.
10. **USE ONLY WHEELS** suitable for the speed of the machine.
11. **USE ONLY WHEELS** that have a bore exactly equal to the arbors of the machine. Never attempt to machine an undersized wheel to fit an arbor.
12. **DO NOT OVERTIGHTEN THE WHEEL NUT.**
13. **DO NOT USE A WHEEL THAT VIBRATES.** Dress the grinding wheel, replace it, or replace the bearings of the shaft.
14. **INSPECT THE WHEELS** before starting the machine for cracks or fragments. **REPLACE DAMAGED WHEELS** immediately.
15. **ADJUST EYE SHIELDS** close to the grinding wheel, and re-adjust as the wheel wears down.
16. **ALWAYS MAKE SURE** that the eye shields are in place, properly adjusted, and secured.
17. **ADJUST TOOL RESTS** close to the grinding wheel (1/8" separation or less). Tighten the tool rest securely to prevent shifting positions, and re-adjust as the wheel wears down.
18. **STAND TO ONE SIDE** before turning the machine "ON".
19. **NEVER GRIND ON A COLD WHEEL.** Run the grinder for one full minute before applying the workpiece.
20. **NEVER START THE MACHINE** with the workpiece against the grinding wheel.
21. **CLEAN THE MACHINE** thoroughly when processing different types of workpieces (wood, steel, or aluminum). **DO NOT GRIND OR POLISH MAGNESIUM.** Fire will result.
22. **NEVER GRIND NEAR FLAMMABLE GAS OR LIQUIDS.**
23. **AVOID AWKWARD OPERATIONS AND HAND POSITIONS.**
24. **KEEP ARMS, HANDS, AND FINGERS** away from the wheel.
25. **HOLD THE WORKPIECE FIRMLY** against the tool rest.
26. **DRESS THE WHEEL** on the face only.
27. **GRIND A WORKPIECE** using the face of the grinding wheel only.
28. **NEVER APPLY COOLANT** directly to the grinding wheel. Dip the workpiece in water to cool it.
29. **DO NOT TOUCH** the ground portion of a workpiece until it has cooled sufficiently.
30. **PROPERLY SUPPORT LONG OR WIDE WORKPIECES.**
31. **NEVER PERFORM LAYOUT, ASSEMBLY, or set-up work** on the table/work area when the machine is running.
32. **TURN THE MACHINE "OFF" AND DISCONNECT THE MACHINE** from the power source before installing or removing accessories, before adjusting or changing set-ups, or when making repairs.
33. **TURN THE MACHINE "OFF",** disconnect the machine from the power source, and clean the table/work area before leaving the machine. **LOCK THE SWITCH IN THE "OFF" POSITION** to prevent unauthorized use.