



IMPORTANT SAFETY REQUIREMENTS FOR DIE GRINDERS

WARNING: Under improper conditions of use and wear, air grinders can be dangerous and result in serious injuries, and even death from exploding wheels. The following instructions are important and should be followed explicitly but cannot cover all contingencies. Good judgment is always required.

CAUTION: Before placing the tool in operation, the foreman and operator are cautioned to study and **FOLLOW** all instructions with special emphasis on safety. The foreman and safety director must be acquainted with and follow the requirements of the applicable sections of **ANSI B186.1 SAFETY CODE FOR PORTABLE AIR TOOLS ANSI B7.1 SAFETY REQUIREMENTS FOR THE USE, CARE, AND PROTECTION OF ABRASIVE WHEELS**. Copies can be obtained from American National Standards Institute, Inc., 1430 Broadway, New York, New York 10018.

1. The grinder is to be operated with an appropriate guard at all times, unless tool is operated under one of the exceptions listed in ANSI 87.1. The general use of a die grinder comes under one of these exceptions which is when using mounted wheels 2" and smaller in diameter.
Mounted wheels are defined as abrasive wheels that are secured to plain or threaded mandrels
2. Check the wheel for damage before mounting. Handle wheels carefully to avoid dropping or bumping. Protect wheels from extremes of temperature and humidity. Check wheels immediately after any unusual occurrence which may damage wheels. Check wheels daily. Refer to latest edition of ANSI B7.1. Damaged wheels can explode.
3. Check the speed printed on the wheel. Printed speed must never be less than the name plate speed of the grinder and the actual speed of the grinder as measured with a tachometer.
4. Be sure collet is tight.
5. Remove wrenches; form habit of removing items before tool is turned on.
6. Hold tool under bench or provide other protection when starting up a new wheel or at the beginning of an operation.
7. If the normal sound of the grinder changes, shut it off immediately, remove the wheel, and check speed with tachometer. Tool could be overspeeding.
8. Avoid accidental starting; be sure actuator is off before hooking up air.
9. Do not drop the end of the hose on the floor where it will pick up dirt and transport it into the tool.
10. Use safety glasses; protect your eyes. Protect nearby people with appropriate shields.
11. Do not breathe grinding dust. Use approved mask or proper ventilation.
12. Do not wear clothing or articles which can catch on rotating parts.
13. Air tools are to be operated on clean, moisture free, lubricated air. The pressure at the tool is not to exceed the recommended pressure. See instructions supplied with this tool for air pressure and lubrication recommendations
14. Secure work; use clamps or vise to hold work. It's safer than using your hand and it frees both hands to operate tool.
15. Don't overreach; keep proper footing and balance at all times.
16. Keep work area well lighted and clean; cluttered areas and benches invite accidents.
17. Disconnect tool from air line when not in use, before servicing, and when changing wheels or accessories.
18. Use common sense-remember this is a powerful tool-use with caution.
19. Maintain the tool in good working condition. Keep tools clean for best and safest performance.
20. **CAUTION:** An accessory not provided or specified by SIOUX TOOLS INC. which is used with this tool may be hazardous.
21. Repair tools at an Authorized Sioux Service Center.

**SIOUX
TOOLS INC.**

This pdf incorporates the following model numbers:

1964

1985-1/2

1985A

AG1963

RT1985