Grinding Wheels Are Safe... Use But Don’t Abuse

**Do**

1. **DO** always HANDLE AND STORE wheels in a CAREFUL manner.
2. **DO** VISUALLY INSPECT all wheels before mounting for possible damage.
3. **DO** MAKE SURE OPERATING SPEED established for machine does not exceed wheel speed.
4. **DO** CHECK MOUNTING FLANGES for equal and correct diameter
5. **DO** USE MOUNTING BLOTTERS when supplied with wheels.
6. **DO** be sure WORK REST is properly adjusted. (Center of wheel or above; no more than 1/8” away from wheel.)
7. **DO** always USE A SAFETY GUARD covering at least one-half of the grinding wheel.
8. **DO** allow NEWLY MOUNTED WHEELS to run at operating speed, with guard in place, for at least one minute before grinding.
9. **DO** always WEAR SAFETY GLASSES and appropriate eye and face protection when grinding.
10. **DO** TURN OFF COOLANT before stopping wheel to avoid creating an out-of-balance condition.

**Don’t**

1. **DON’T** use a wheel that HAS BEEN DROPPED.
2. **DON’T** FORCE a wheel onto the machine OR ALTER the size of the mounting hole – if the wheel won’t fit the machine, get one that will.
3. **DON’T** ever EXCEED MAXIMUM OPERATING SPEED established for the wheel.
4. **DON’T** use mounting flanges that ARE NOT CLEAN, flat and designed for the wheel being used.
5. **DON’T** TIGHTEN the mounting nut EXCESSIVELY.
6. **DON’T** grind on the SIDE OF THE WHEEL. (See ANSI B7.1 for exceptions.)
7. **DON’T** start the machine until the WHEEL GUARD IS IN PLACE.
8. **DON’T** JAM work into the wheel.
9. **DON’T** STAND DIRECTLY IN FRONT of a grinding wheel whenever a grinder is started.
10. **DON’T** grind material for which the WHEEL IS NOT DESIGNED.

This wall chart is provided in the interest of safety.

For further information see ANSI B7.1 “Safety Code for the Use, Care and Protection of Abrasive Wheels.”

UNIFIED ABRASIVES MANUFACTURERS’ ASSOCIATION
Organized for the Development of Safe and Efficient Grinding Practices
30200 Detroit Road, Cleveland, Ohio 44145 www.uama.org