

# **WARNING**

## **ELECTRIC GRINDERS**

Any piece of equipment can be dangerous if not operated properly. **YOU** are responsible for the safe operation of this equipment. The operator must carefully read and follow any warnings, safety signs and instructions provided with or located on the equipment. Do not remove, defeat, deface or render inoperable any of the safety devices or warnings on this equipment. If any safety devices or warnings have been removed, defeated, defaced or rendered inoperable, **DO NOT USE THIS EQUIPMENT!!!**

### **SMI Dust and Silica Warning**

Grinding/cutting/drilling of masonry, concrete, metal and other materials can generate dust, mists and fumes containing chemicals known to cause serious or fatal injury or illness, such as respiratory disease, cancer, birth defects or other reproductive harm. If you are unfamiliar with the risks associated with the particular process and/or material being cut or the composition of the tool being used, review the material safety data sheets and/or consult your employer, the manufacturers/suppliers, governmental agencies such as OSHA and NIOSH and other sources on hazardous materials. California and some other authorities, for instance, have published lists of substances known to cause cancer, reproductive toxicity, or other harmful effects.

Control dust, mist and fumes at the source where possible. In this regard use good work practices and follow the recommendations of the manufacturers/suppliers, OSHA/NIOSH, and occupational and trade associations. Water should be used for dust suppression when wet grinding/cutting/drilling is feasible. When the hazards from inhalation of dust, mists and fumes cannot be eliminated, the operator and any bystanders should always wear a respirator approved by NIOSH/MSHA for the material being used.

Grinding/cutting/drilling of masonry, concrete and other materials with silica in their composition may give off dust or mists containing crystalline silica. Silica is a basic component of sand, quartz, brick clay, granite and numerous other minerals and rocks. Repeated and/or substantial inhalation of airborne crystalline silica can cause serious or fatal respiratory diseases, including silicosis. In addition, California and some other authorities have listed respirable crystalline silica as a substance known to cause cancer. When grinding/cutting/drilling such materials, always follow the respiratory precautions mentioned above.

### **IMPORTANT SAFETY RULES TO FOLLOW**

1. **CONSIDER WORK AREA ENVIRONMENT.** Do not use in presence of flammable liquids or gases.
2. **AVOID USING UNIT IN WET OR DAMP LOCATIONS.** ELECTRICAL SHOCK COULD OCCUR.
3. **DO NOT FORCE TOOL.** It will do the job better and safer at the rate for which it was intended.
4. **WEAR PROPER CLOTHING.** ALWAYS USE SAFETY GLASSES AND DUST MASK TO PROTECT FROM DUST AND PARTICLES. Do not wear loose clothing or jewelry.
5. **ALWAYS INSPECT CORD FOR DAMAGE.** DO NOT USE IF CORD IS FRAYED. DO NOT ABUSE CORD. Keep cord from heat, oil, and sharp edges.
6. **ALWAYS DISCONNECT TOOL FROM POWER SOURCE WHEN NOT IN USE.** Ensure that power switch is "OFF" before connecting to power source.
7. **VISUALLY INSPECT ALL GRINDING WHEELS BEFORE OPERATING.** Do not use cracked or damaged wheels. Make sure all guards are in place and operational.
8. **GROUND ALL TOOLS UNLESS DOUBLE INSULATED.**

If the person receiving this handout will not be the user of the equipment, forward these instructions to the operator. If there is any doubt as to the operation or safety of the equipment,

**DO NOT USE!!! CALL A TOOL SHED IMMEDIATELY!!!**

**FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY OR DEATH**