

# **IMPORTANT INSTRUCTIONS DO NOT DISCARD**

## INSTRUCTIONS:

Read all safety instruction in this manual before operating the flexible shaft power tool system. Proper eye and face protection must be worn at all times to protect you from injuries from any potential flying debris.

Operation of this or any other type of equipment should be done by trained personnel.

Your flexible shaft system may be operated in a vertical or horizontal position, but it should never be enclosed or confined so as to restrict air circulation around unit. If the motor is being hung around a workbench, precaution must be taken to ensure that it is fastened securely to a wall or a suitable motor hanger.

### **Do not bend at tight angle.**

Shafts and sheaths last longer when they are used without sharp bends. Take care not to bend the flexible shaft too much at either the handpiece or motor shaft connections. If used at angles or loops, wear will occur at these points of greatest friction.

### **Do not force the tool.**

Always allow the speed of the tool to perform the work. Avoid using too much pressure.

Plug the unit's cordsets into grounded electrical receptacles. Never remove or alter original plugs supplied with the unit's power cord.

## EQUIPMENT MAINTENANCE PROCEDURES:

Always disconnect power tool before servicing.

### Motor Maintenance

Motors needs air circulation through the motor housing to cool motor windings. Inlet and outlet slides provide the means for airflow. However, dust and conductive debris (i.e. metal filings and gold dust) can enter through the slots. If not cleaned regularly, dust can collect, making a bridge between parts and cause an electrical short. Therefore, after every 40 hours of use, the motor should be cleaned to remove dirt and dust buildup; brushes should be removed, cleaned and replaced. Moisture free air should be blown through motor to clean internal components.

### Safety Precautions:

Keep all fastening hardware tight to ensure that the unit is in a safe working condition.

Unplug unit from electrical outlet when any servicing is being done.

Keep all loose clothing, hair or dangling objects from shafts or buffing wheels.

Always use a proper dust collection system and/or wear a respirator to prevent the inhalation of dust particles, polishing compounds or other debris into the lungs.

Never use or continue to use any accessory that appears to be damaged, loose, vibrating or out of balance.

Never use excessive side pressure that may tend to bend or break the shank or arbor of an accessory. Allow the speed of the accessory to do the work.

Never operate the motor with the outer sheath removed from the flexible shaft.