SOP Guidelines

SOUTH BAY LOW SPEED DIAMOND WHEEL SAW

1) Requirements for use

You will clean up after you are done using the machine.

Do not cut soft metals such as aluminum, steel, etc. on this cutoff wheel without consulting John Mansfield (936-3352) or Kai Sun (936-3353) or Haiping Sun (936-3338). You will gum up the blade and/or break it.

You must be trained by John Mansfield (936-3352) or Kai Sun (936-3353) or Haiping Sun (936-3338) before you may use this machine.

2) Hazards/Safety precautions

Do not attempt to service this machine. Contact John Mansfield (936-3352) or Kai Sun (936-3353) or Haiping Sun (936-3338) if there is a problem.

Electrical shock from cord/ground.

The blade is diamond impregnated and may cause damage or injury to your fingers if you catch them on the blade.

3) Standard Operating Procedure

1. Use appropriately sized collars with the blade.

2. Affix sample to sample holder.

3. Make sure blade lubricant covers approximately 1/8” of blade.
4. Select appropriate cutting speed (generally not to exceed 3).

5. Balance arm with sample in place, but no weight applied.

6. Adjust weight on sample arm to appropriate amount.

7. Slowly lower sample down onto blade.

8. Press POWER button and START button.

9. Watch first few minutes of cut to prevent problems.

10. When sample is finished, clean wheel, machine, area.

11. Filter lubricant after each use.

12. Replace coolant when it looks too murky.

13. Questions? Contact John Mansfield (936-3352) or Kai Sun (936-3353) or Haiping Sun (936-3338).

4) EMERGENCY SHUTDOWN:

Hit red STOP button.
Turn speed down (off).
Pull the plug out of wall socket next to unit if absolutely necessary.