SOP Guidelines

SLURRY DISC CUTTER

1) Requirements for use

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.

3) Standard Operating Procedure

1. Place cutting tool in collet assembly at bottom end of tool shaft. Position shaft in the up position using the latch on the right side of the cover.

2. Mount sample on mounting block and place it in the sample holder assembly.

3. Position sample under cutting tool.

4. Place a few drops of abrasive slurry on the sample at the point where the tool will make contact.

5. Place plastic splatter in position.

6. Set time delay if using automatic shut-off.

7. Turn power switch ON, press green start switch, and set the tool rotation speed.

8. Set the weight using the weight adjustment knob.

9. Lower rotating tool onto the sample.
10. Cut sample until the automatic shut-off or shut the machine off manually by pressing the red stop switch.

11. Remove the mounting plate, rinse away abrasive slurry, and remove sample.

4) EMERGENCY SHUTDOWN:

   Shut off machine by pressing the red stop switch located on the front panel.

   Pull plug out of wall socket if absolutely necessary.