

OPERATING RULES
Clubhouse 4 Lapidary Workshop



1. Lapidary Specific Rules

- a. Medication that does not allow you to drive also does not allow use of any machinery
- b. Do not wear loose clothing, gloves (except thermal OVE gloves), neckties, bracelets, or loose jewelry that could get caught in moving parts. Non-slip, covered toe footwear is required.
- c. Always use eye protection when working on cutting, grinding, buffing, sanding and polishing wheels
- d. Watch out for your fellow students/ users: do not run, announce yourself when you are behind someone
- e. As a beginner always check with the supervisor on how to use the machinery properly
- f. When using glue on the work tables cover the surface with paper or a work board

2. Grinding Wheels:

- a. Turn water on first
- b. Turn on wheel
- c. Do not push hard, let the wheel do the work
- d. Pay attention, don't talk and grind, stop grinding if you are distracted
- e. When finished, turn water and grinder off. Never leave the machine running unattended.

3. Slab Saws:

- a. Rocks must be placed solidly in the vise and be checked by the Supervisor.
- b. Oil 1/4 inch to 1/2 inch above the bottom edge of the blade.
- c. Maximum rock size is five inches by five inches, except the 24-inch slab saw.

4. Water Trim Saws:

- a. Be sure saw blade throws a three-inch stream of water.
- b. Stones must have a flat bottom.
- c. Hold securely with both hands and guide so as to make straight line cuts.
- d. Maximum stone thickness is 1/2 inch.

5. Polishing Wheels:

- a. To eliminate the possibility of contaminating the buffs, wash grit off hands and stones before using the equipment.
- b. Cover wheels when they are not in use.

6. Sanding Wheels:

- a. Check sandpaper for any rips.
- b. Water spray must cover the full surface of the wheels.
- c. Sand across the full surface of the wheel.

7. Do not grind glass on grinding wheels or sanding drums except wheels or drums designated for stained glass work. See the Shop Supervisor for location.
8. When working on stained glass only use equipment designed for cutting glass.
9. Tumbler use: See supervisor or instructor for proper filling and sign up
10. General use:
 - a. Clean area thoroughly of debris and glass chips after each visit.
 - b. Do not add oil to saws; see Shop Supervisor.
 - c. Time limits for slab saw use are as follows:
 1. Saws one, three, and four; one hour
 2. Saws two and five; two hours
 3. Limit of two saws per person
 - d. Saws must be cleaned after each use.
 - e. Supervisors have the authority to refuse use of equipment if they feel it is being used in an unsafe manner. Supervisors also have the authority to enforce the shop rules and regulations.
 - f. After each use or end of class all the grinding wheels and sanders must be cleaned and wiped down to avoid water stains/ rust.

The Recreation Department reserves the right to review and adjust the operating rules to accommodate the needs of the community.