

STANDARD OPERATING PROCEDURES

10" Tile Saw

DO NOT use this machine unless you have received authorization from the Shop Coordinator



Safety glasses must be worn at all times.



Sturdy closed-toe footwear must be worn at all times in work areas.



Hearing protection must be used.



Respiratory protection must be used while equipment is in use.



Long and loose hair must be contained.



Rings and jewelry must not be worn.

Potential Hazards and Injuries

- Contacting moving blade (cuts / amputations).
- Saw blade may grab and “kick back” toward operator (blunt force injuries).
- Noise (hearing damage).
- Flying rock chips and dust (eye/respiratory).

Pre-Operational Safety Checks

- Locate and ensure you are familiar with all machine operations and controls.
- Ensure all guards are fitted, secure and functional. Do not operate if guards are missing or faulty.
- Check workspaces and walkways to ensure no slip/trip hazards are present.
- Ensure that the blade height adjustment knob is fully locked in the lowest practical position.
- Unplug and lock-out machine before attempting any maintenance

Safe Practices During Operation

- Ensure sufficient water to submerge pump is available in the cutting tray and that water flows with no restriction when power is applied.
- Feed sample forward evenly and hold it firmly on the table/to the backstop to ensure control during cutting.

- Allow blade to reach maximum speed before beginning to cut.
- Do not push material hard, let the saw do the work. If cutting slows, back off and allow water to clear the cut and blade before resuming.
- Before making adjustments, switch off the saw and bring the machine to a complete standstill.
- If power fails, or water does not flow, switch off the machine and back the sample away from the blade.

Ending Operations and Cleaning Up

- Switch off the machine and wait for it to completely stop.
- Fully raise the blade into the highest position.
- Rinse off and wipe down the cutting tray.
- Drain water from the cutting pan. Use a cup to dredge sludge and dispose of it in the labeled bucket.

DON'T

- Do not use faulty equipment. Immediately report suspect machinery.
- Attempt to cut very small items or items larger than 1/2 the diameter of the saw blade.
- Never leave the machine running unattended.
- Do not allow water tray to accumulate with sludge and debris.

SOP must be used in conjunction with an effective training program