

SAFE WORK INSTRUCTION

GLASSBLOWERS DIAMOND SAW

PERSONAL PROTECTIVE EQUIPMENT



Safety glasses must be worn at all times.



Safety footwear must be worn.



Long or loose hair must be contained.



Hearing protection must be worn.



Close fitting / protective clothing must be worn.



Rings and jewellery must not be worn.

POTENTIAL RISKS

- ❗ Cutting through flesh and bone
- ❗ Potential abrading and tearing flesh
- ❗ Hair/clothing getting caught in moving parts.
- ❗ Snagging or shattering glass work piece
- ❗ Cuts from broken glass
- ❗ Excessive noise
- ❗ Eye injuries.

DON'Ts

- ❌ Do not use faulty equipment. Immediately report any suspect machinery to your supervisor.
- ❌ Do not attempt to cut anything other than glass or ceramics.
- ❌ Never leave the machine running unattended.

PRE-OPERATIONAL SAFETY CHECKS

- ✓ Locate and ensure you are familiar with operations and controls.
- ✓ Ensure all guards are fitted, secure and functional. Do not operate if guards are missing or faulty.
- ✓ Check workspaces are free of swarf and uncluttered.
- ✓ Visually inspect blade for defects and alignment.
- ✓ Adjust blade height and lock firmly in position.

OPERATIONAL SAFETY CHECKS

- ✓ Adjust appropriate coolant flow.
- ✓ Where possible hold work piece firmly against table or securely in a jig.
- ✓ Slide the work table forward applying gentle pressure against the blade.
- ✓ Rotate the work piece against the blade, keeping the depth of cut to a minimum.

ENDING OPERATIONS AND CLEANING UP

- ✓ Switch off the machine when work completed.
- ✓ Leave the machine in a safe, clean and tidy state.
- ✓ Clean the machine frequently to stop the build-up of aggressive grit and glass powder
- ✓ Maintain free movement of work table.

Diamond Saw to be used by workshop staff members only.

This Safe Work Instruction does not necessarily cover all possible hazards associated with this equipment and should be used in conjunction with other references. It is designed as a guide to be used to compliment training and as a reminder to users prior to equipment use

