

SAFE WORK INSTRUCTION

METAL LATHE

PERSONAL PROTECTIVE EQUIPMENT



Safety glasses must be worn at all times.



Safety footwear must be worn.



Rings and jewellery must not be worn.



Long or loose hair must be contained.



Close fitting / protective clothing must be worn.



Gloves must not be worn.

POTENTIAL RISKS

- ❗ Flying objects (e.g. chuck keys left in chuck, work becoming dislodged).
- ❗ Hair/clothing getting caught in moving machine parts.
- ❗ Cutting tool injury when cleaning, filing or polishing.
- ❗ Metal splinters and swarf.
- ❗ Eye injuries.

DON'Ts

- ❌ Do not use faulty equipment. Immediately report suspect machinery to your supervisor.
- ❌ Do not try to lift chucks or face plates that are too heavy for you.
- ❌ Never leave the machine running unattended.
- ❌ Do not attempt to slow or stop the chuck or revolving work by hand.
- ❌ Do not leave equipment on top of the machine.

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 the job is clamped tight in the chuck.
- ✓ Remove the chuck key from the chuck.
- ✓ Remove all tools from the bed and slides of the machine before it is started.
- ✓ Ensure the correct speed for machining process is selected.
- ✓ Ensure work is correctly supported.
- ✓ Ensure coolant system is working.

ENDING OPERATIONS AND CLEANING UP

- ✓ Switch off the machine when work completed.
- ✓ Reset all guards to a fully closed position.
- ✓ Leave the machine and surrounding area in a safe, clean and tidy state.

OPERATIONAL SAFETY CHECKS

- ✓ Before making adjustments or measurements, switch off and bring the machine to a complete standstill.
- ✓ Avoid letting swarf build up on the tool or job. Stop the machine and remove it.
- ✓ Ensure coolant is used to prevent overheating.

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.

