

Safe Operating Procedure

Lathe



PERSONAL SAFETY:



PRE OPERATIONAL SAFETY CHECKS:

- Locate and ensure you're familiar with all machine operations and controls;
- Ensure all guarding is fitted, secure and functional;
- Remove all slip/trip hazards i.e. swarf;
- Check the job is clamped tight in the chuck;
- Remove all tools from the bed and slides of the machine;
- Ensure the correct speed for machining process is selected;
- Remove the chuck key before starting the lathe;
- Ensure swarf is clear under the brake pedal.

POTENTIAL HAZARDS:

- Flying objects;
- Hair or clothing being caught in moving parts;
- Metal splinters and swarf;
- Eye injury;
- Cuts and abrasions;
- Cutting tool injuries (when cleaning, filing or polishing).

OPERATIONAL SAFETY PRACTICES (CONTROLS):

- Before making adjustments/measurements, switch off and bring lathe to a standstill;
- Avoid letting swarf build up on the tool or job. Stop the machining and remove it;
- Always remove the chuck key from the chuck.

DO NOT:

- **Do not use GLOVES when operating the Lathe;**
- **Do not use faulty equipment (Immediately report suspect machinery);**
- **Do not operate if guarding is missing or faulty;**
- **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;**
- **Do not use mobile phones while operating equipment.**

HOUSEKEEPING:

- Switch off machine when work is completed;
- Reset all guards to a fully closed position;
- Leave the machine and work area in a safe, clean, & tidy condition.