



SAFETY OPERATING PROCEDURES



Drill Press

DO NOT use this machine unless a teacher has instructed you in its safe use and operation and has given permission.



Safety glasses must be always worn in work areas.



Long and loose hair must be contained.



Sturdy footwear must be always worn in work areas.



Close fitting/protective clothing must be worn.



Rings and jewellery must not be worn.



Gloves must not be worn when using this machine.

POTENTIAL HAZARDS

- Hair/clothing entanglement - rotating spindle/drill
- Eye injuries
- Flying swarf/chips
- Sharp edges & burrs

PRE-OPERATIONAL SAFETY CHECKS

1. Check workspace and walkways to ensure no slip-hazards are present.
2. Check that the drill chuck guard is in position. (if equipped)
3. Ensure the chuck key (if used) has been removed from the drill chuck.
4. Locate and ensure you are familiar with the operation of the ON/OFF switch and E-Stop (if equipped).
5. Follow correct clamping procedures to ensure work is secure.
6. If the job obstructs the walkway erect a barricade.
7. Adjust spindle speed to suit the material, drill or cutter diameter.
8. Faulty equipment must not be used. Immediately report suspect equipment.

OPERATIONAL SAFETY CHECKS

1. Never leave the drill press while it is running.
2. Before making adjustments or before cleaning swarf accumulations switch off and bring the machine to a complete standstill.
3. Feed downwards at a sufficient rate to keep the drill cutting.
4. Reduce feeding pressure as the drill breaks through the underside of the work.

HOUSEKEEPING

1. Switch off the machine.
2. Leave the machine in a safe, clean, and tidy state.

This SOP does not necessarily cover all possible hazards associated with the machine and should be used in conjunction with other references
It is designed to be used as an adjunct to teaching Safety Procedures and to act as a reminder to users prior to machine use