

# SAFE WORK INSTRUCTION

## PEDESTAL GRINDER

### 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

- ❗ Disintegrating wheel.
- ❗ Hot metal.
- ❗ Sparks.
- ❗ Noise.
- ❗ Sharp edges and burrs.
- ❗ Hair/clothing getting caught in moving machine parts.
- ❗ Wheels 'run on' after switching off.
- ❗ Eye injuries.

### DON'Ts

- ✗ Do not use faulty equipment. Immediately report any suspect machinery to your supervisor.
- ✗ Do not hold workpiece with gloves, cloth, apron or pliers.
- ✗ Do not grind non-ferrous metals.
- ✗ Do not grind on the side of the wheel.
- ✗ Do not hold small objects by hand.
- ✗ Never leave the machine running unattended.
- ✗ Do not bend down near the machine while it is running.
- ✗ Never force the workpiece against a wheel.

### 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 wheels do not touch the work rest. Ensure the gap between wheel and rest is no more than 2 mm.
- ✓ Check that the wheels are running true and are not glazed or loaded.
- ✓ Check for cracks in the wheel and report any you find.

### OPERATIONAL SAFETY CHECKS

- ✓ Only one person may operate this machine at any one time.
- ✓ Stand to the side of the wheels when starting up.
- ✓ Let the wheels gain maximum speed before starting to grind.
- ✓ Slowly move the workpiece across the face of the wheel in a uniform manner.

### ENDING OPERATIONS AND CLEANING UP

- ✓ Switch off the machine when work completed.
- ✓ Leave the machine in a safe, clean and tidy state.
- ✓ Leave the surrounding area in a tidy state.

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

