

# SAFE WORK INSTRUCTION

## WET ANGLE 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.

### POTENTIAL RISKS

- ❗ Disintegrating blade.
- ❗ Sparks and chips.
- ❗ Noise.
- ❗ Electric shock.
- ❗ Sharp edges.
- ❗ Hair/clothing getting caught in moving parts.
- ❗ Wheels 'run on' after switching off.
- ❗ Eye injuries.
- ❗ Soiled clothing – wear an apron.

### DON'Ts

- ✗ Do not use faulty equipment. Immediately report any suspect machinery to your supervisor.
- ✗ Do not grind without water dripping.
- ✗ Do not grind crumbly or unstable rocks.
- ✗ Do not grind on the side of grinding discs.
- ✗ Do not hold the work piece by hand.
- ✗ Never leave the machine running unattended.

### PRE-OPERATIONAL SAFETY CHECKS

- ✓ Ensure the RCD plug is working correctly.
- ✓ Ensure water drip is working at appropriate flow. Top up reservoir if required.
- ✓ 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.
- ✓ Ensure the disc is correct for the task.
- ✓ Ensure that the disc is in good condition
- ✓ Check that the disc is running true and is not glazed or loaded.
- ✓ Check for cracks in the disc and report any that are found.
- ✓ Ensure you are holding the grinder in a safe position before turning the power switch on.

### ENDING OPERATIONS AND CLEANING UP

- ✓ Switch off the machine when work completed.
- ✓ Turn off the water drip feed.
- ✓ Leave the machine in a safe, clean and tidy state.
- ✓ Leave the surrounding area in a tidy state and check for smouldering sparks and materials.

### OPERATIONAL SAFETY CHECKS

- ✓ Let the disc gain maximum speed before starting to grind.
- ✓ Slowly move the grinder across the workpiece in a uniform manner.
- ✓ Observe where debris is falling and change position if required.

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

