SAFE WORK INSTRUCTION

ANGLE GRINDER

PERSONAL PROTECTIVE EQUIPMENT

- Safety glasses must be worn at all times.
- Hearing protection must be worn.
- Safety footwear must be worn.
- Close fitting / protective clothing must be worn.
- Long or loose hair must be contained.
- Rings and jewellery must not be worn.

POTENTIAL RISKS

Do not:

- Disintegrating blade.
- Hot metal.
- Sparks and fire.
- Noise.
- Sharp edges and burrs.
- Hair/clothing getting caught in moving 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 grind non-ferrous metals.
- Do not grind on the side of grinding discs.
- Do not grind on the face of cutting discs.
- Do not hold the work piece by hand.
- Never leave the machine running unattended.

PRE-OPERATIONAL SAFETY CHECKS

- Ensure there are no combustible/flammable materials in the immediate area.
- 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 (cutting or grinding)
- 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 the switch is working correctly and in the off position before taking up position.

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 sparks are falling and stop if required.

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 and check for smouldering sparks and materials.