

Metal Chop Saw Operations – Safe Work Procedure

Purpose: To provide SD 64 staff, with a list of procedures to ensure they are protected against potential hazards associated with Metal Chop Saw Operations.

Hazards: Work involving fine metal filings, airborne dust and potential inhalation hazards inherent to Metal Working processes. Hazards include pinch, crush, and struck by flying debris or objects.

WARNING: DO NOT use this machine unless you have been trained in its safe use and operation.

Failure to comply could result in severe injury.

General Safety

- Never start work without proper authorization & training.
- **Personal Protective Equipment (PPE):** eye protection, including protective glasses or goggles, hearing protection (when equipment is in use) and long pants. Hearing protection can include earmuffs or ear plugs based on the sound level.
- Tie back hair, no loose clothing and no jewelry should be worn.
- Do Not wear gloves when operating a chop saw.

Before METAL CHOP SAW OPERATIONS

- Make sure all blades are sharp, balanced, tracking correctly and fastened securely.
- Ensure no slip/trip hazards are present in workspaces and walkways.
- Make sure guards are present, installed and working.
- Locate and be aware of the operation of the ON/OFF switch or E-stop.
- Disconnect power supply before changing or adjusting tools and equipment.
- Make sure the guards operate as required.
- Remove all adjusting keys, wrenches and tools used in the setup from the work area.
- Use hold down devices when required.

During METAL CHOP SAW OPERATIONS

- Ensure that work is secure.
- Keep one hand on the trigger switch and handle and use the other hand to hold the stock against the fence.
- Keep hands out of the path of the blade.
- Allow motor to reach full speed before cutting.
- If you need to stop cutting, hold the material firmly and shut down the saw. Wait for the blade to stop moving before removing the piece.
- Only cut one work piece at a time.
- Shut OFF the power supply to the motor before mounting or removing accessories.
- Do not leave machine running while unattended.
- Shut OFF the power supply to the motor before mounting/removing accessories or removing scrap pieces from work area.

After METAL CHOP SAW OPERATIONS have been completed

- Collect all waste/debris and place in appropriate containers.
- Inspect equipment to ensure no damage has occurred, guards and other devices are in good condition and in place. Record any damage as per the Technology Education Safety Manual.
- If equipment is damaged or inoperable follow lockout procedures.

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Revised: