

Media Blaster Operations – Safe Work Procedure

Purpose: To provide SD 62 staff, with a list of procedures to ensure they are protected against potential hazards associated with Media Blaster Operations.

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

NOTE: Media Blaster Units are typically fully enclosed and contained.

WARNING: DO NOT use this device 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 face shield **and** 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 and cover hair, no loose clothing and no jewelry should be worn.

Before MEDIA BLASTER OPERATIONS

- Ensure workspaces, table, and walkways are free and clear of clutter and debris.
- All blast cabinets must be grounded to avoid shock.
- Electrical cords must be three (3) prongs grounded.
- Ensure access devices, gloves and interior light fixtures are in good condition.
- Ensure attached filter system is attached and in good condition.
- Inspect fittings and hoses for damage and wear.
- Check the gaskets on all doors.
- 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.

During MEDIA BLASTER OPERATIONS

- Ensure that work is secure.
- Keep all covers and access doors on the machine when it is on and in operation.
- Only operate the unit with all doors securely closed and with the dust collector system turned on.
- If you need to stop the media blaster to make adjustments, do not open access doors till unit has come to a complete stop.
- Do not leave machine running while unattended.
- Shut OFF the power supply to the motor to stop before mounting/removing accessories.

After MEDIA BLASTER 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.