JOB HAZARD ANALYSIS FORM

**COMPLETE BEFORE BEGINNING WORK**

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| **(1) JOB INFORMATION** |
| Date: 8/17/23 | Job # (If Applicable): | Task Name/Description: Abrasive sand blasting tasks in closed cabinet |
| Department: | Supervisor: |
| **(2) JOB/TASK STEPS (Most jobs require 5-10 basic steps)** |
| **Basic Job Step** | **Hazard(s) – (See Sections 3 or EHS Hazard Report)** | **Correct/Safe Work Practice and Hazard Controls/PPE (See Section 4 or EHS Hazard Report)** |
| Perform preoperational check | * None anticipated
 | * Inspect air compressor, blast vessel, valves, hoses, pipes, wires, fittings, gloves, and blast nozzle per manufacturers guide do not use it if damaged in any way.
* If wiring is damaged in any way do not fix wiring. Mark as damaged and do not use.
* Inspect gloves to ensure there are no holes or damage to hose/suction gun or compressed air container.
* Confirm that equipment is fastened prevent it from tipping.
* Ensure the area around the worksite is clear.
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| Open door of cabinet and place item inside | * Pinch point
* Lifting hazards
 | * Keep body parts clear of door/hinge area.
* Ensure that the door is closed completely and locked if possible, according to manufacturer’s guide.
* Use proper lifting technique: bend at the knees, use both entire hands to lift, keep back straight.
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| Close door and energize equipment | * Pinch point
 | * Keep body parts clear of door/hinge area.
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| Place hands inside and grab blast hose | * None anticipated
 | * Maintain firm grip on blast hose/suction gun.
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| Preform blasting operations and clean item with blow off nozzle | * Compressed air
* Noise hazard
* Static build-up/discharge
 | * Only use equipment as instructed by the manufacturer’s guide.
* Wear hearing protection if deemed necessary. To determine if hearing protection is required, contact EHS to schedule a noise level test.
* Ensure cabinet is well grounded.
* Keep the part being blasted in contact with the metal grate or attached to a ground to dissipate the charge created by the blast media exiting the nozzle and going over the part.
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| Open door and remove item | * Pinch point
* Lifting hazards
* Slip, trip, fall
 | * Keep body parts clear of door/hinge area.
* Use proper lifting technique: bend at the knees, use both entire hands to lift, keep back straight.
* Wear slip resistant shoes.
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| Required training: - PPE training* Equipment specific training (provided by department)
* Safe lifting
* Hearing conservation training (if deemed necessary)
 | PPE: - Hearing protection (if deemed necessary)* Slip resistant shoes
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