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. | | |
| 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. | | |
| Close door and energize equipment | * Pinch point | * Keep body parts clear of door/hinge area. | | |
| Place hands inside and grab blast hose | * None anticipated | * Maintain firm grip on blast hose/suction gun. | | |
| 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. | | |
| 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. | | |
| 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 |