

## SOP - Grit Blaster Indoor

**DO NOT** use this plant\* or complete this task unless you have been inducted in its safe use and operation by an Authorised Experienced Operator

This SOP may not cover all possible hazards and risks and should be referred to as a control measure in the risk assessment process. Additional training may be required for high risk plant/work. Site and task may change required PPE.

### PERSONAL PROTECTIVE EQUIPMENT



Eye protection must be worn



Minimum P2 face mask or respirator must be worn when airborne dust or fumes are created



Hearing protection must be worn



Foot protection must be worn



Hand protection must be worn



Protective body clothing must be worn

### POTENTIAL HAZARDS AND RISKS

- Slip, Trips, Falls**  
Slip, trip, fall due to workspace and walkways not being made clear
- Struck by Moving Object**  
Struck by moving object due to work pieces disintegrating
- Other**  
Injury due to unsecured hoses whipping under pressure  
Irritation from excessive dust  
Injury due to plant malfunction or misuse  
Exposure to contaminated air  
Hearing damage from excessive noise
- Manual Task Injury**  
Manual task injury from plant vibration
- Electrical Shock or Burn**  
Electrical shock or burn from damaged or poorly maintained electrical leads and cables
- Cutting, Stabbing or Puncturing**  
Injury from high pressure abrasive coming in contact with exposed skin
- Exposure to Dust/Fumes**  
Exposure to Dust  
Exposure to Silica  
Exposure to Asbestos  
Exposure to Toxic Fumes

### PRE-OPERATIONAL SAFETY CHECKS

- ✓ Complete site specific risk assessment
- ✓ Complete visual plant check before operation
- ✓ Ensure leather gloves are in good condition, no rips or tears
- ✓ Paint to be removed must be tested for lead prior to the commencement of work with an approved lead paint test kit
- ✓ If lead is detected in the paint sample, do not proceed, contact your supervisor
- ✓ Ensure you are familiar with plant operations and controls
- ✓ Ensure that guards are fitted, secured and functional in accordance with manufacturers guidelines
- ✓ Check workspaces and walkways to ensure no slip/trip hazards are present
- ✓ Ensure the air filter is cleaned before use
- ✓ Ensure there is no grit built up on seals when filling, clean and remove all abrasive metal from foam seal

### OPERATING PROCEDURES

- ✓ Keep clear of moving plant parts
- ✓ Operate plant to the conditions of the work area

- ✓ Take special care when door of the control box is open. When the power is ON, the full line voltage can appear from any electrical point on the circuit board to the metal enclosure or to ground
- ✓ Ensure to always empty the dust storage tray before it fills
- ✓ Before making adjustments bring plant to a complete standstill and isolate

### ENDING OPERATIONS

- ✓ Allow plant to cool before performing any maintenance or cleaning
- ✓ Ensure plant is in good working order and stored in the appropriate location

### DO NOT

- ✗ Do not use if plant is faulty. Attach an Out of Service tag and report fault to your supervisor
- ✗ Do not bead blast without wearing supplied appropriate gloves. Propelled sand from gun on exposed skin will cause severe damage
- ✗ Do not overfill abrasive into cabinet
- ✗ Do not collect combustible materials along with dust from ferrous grinding or other spark-generating operations. Sparks caused by such operations may start a fire in the combustible dust

- ✘ Do not allow the dust to the point where it begins to over fill the system
- ✘ Do not leave abrasive in cabinet if machine is not going to be used for a few days
- ✘ Do not modify plant in any way. Unauthorised modification may impair the function and/or safety of the plant
- ✘ Do not exceed the rated working pressure of the blast hose
- ✘ Do not leave plant running unattended
- ✘ Do not wear loose jewellery
- ✘ Do not use mobile phone while operating plant

**\*Plant in this SOP refers to any machinery, equipment, appliance, container, implement and tool.**