



TO BE COMPLETED DAILY

ABRASIVE BLASTING OPERATION START CHECKLIST

1. Personal Protective Equipment (PPE):

- [] Ensure all personnel have full face or half face respirators with NIOSH-approved cartridges.
- [] Helmets must be in good working order with properly regulated AC's and filtration tower.
- [] Full-body suit is in good working order. No open tears, holes, etc.
- [] Outside persons must wear safety glasses or goggles with side shields.
- [] Outside persons must have hearing protection.
- [] Carbon monoxide must be installed.

2. Equipment Inspection:

- [] Check oil, coolant and fuel levels in compressor. Refill any liquids as needed.
- [] Check pneumatic oil on moisture separator, drain tank and filters. Refill oil as needed.
- [] Check hoses, nozzles, and fittings for wear, leaks, or damage. Check all whips and locking pins.
- [] Ensure the blast pot is in good condition and properly pressurized.
- [] Verify that all safety interlocks and emergency shutoffs are functional.

3. Environment and Containment:

- [] Establish a controlled blasting area to contain and collect abrasive material.
- [] Erect barriers and warning signs to restrict access to the blasting area.
- [] Use blast curtains or containment structures to prevent abrasive material from escaping.
- [] Implement measures to control and manage dust emissions.

4. Abrasive Material Handling:

- [] Store abrasive materials in a dry and well-ventilated area.
- [] Inspect abrasive materials for contaminants or moisture before use.

- [] Store all bags from used abrasive on a dry area and ensure bottom fill port is closed.

5. Blasting Operations:

- [] Outside operator must inspect the containment during abrasive blasting to ensure no dust releases.
- [] Adjust abrasive blasting metering valve and regulating pressure as needed.
- [] Note start time and abrasive placed in pot.
- [] As down time allows it, clean equipment.

7. Emergency Preparedness:

- [] Have a comprehensive emergency response plan in place.
- [] Provide first aid training to personnel.
- [] Have fire extinguisher ready and accessible to outside operator.

8. Inspection and Maintenance:

- [] Establish a routine inspection and maintenance schedule for all equipment.
- [] Replace worn or damaged parts promptly.
- [] Keep all equipment clean and free of abrasive residue.