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Description automatically generatedTO 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.