Sand Blasting – SOP 65

Hazard Review

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Required Personal Protective Equipment (PPE)

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Sand Reservoir and Hose Assembly

1. Review Safe Operating Procedures for applicable equipment and perform pre-operational checks.
2. Check all fittings for leaks and alignments.
3. Muffler should be attached to compressor to reduce blowback noise.
4. Check position of all valves before activating blaster. Nozzle should have a “Dead Man” shutoff valve.
5. Drain water from the separator.
6. Stand clear and do not face sand reservoir after filling. Be careful not to overfill and never try to remove debris from the top of the hopper by hand, while the lines are still pressurized.
7. Keep unauthorized personnel out of immediate sandblast area.
8. Check blasting hoses for rips, tears and soft spots. Do not use defective or blocked hoses.
9. Check nozzle shutoff mechanism prior to use and check nozzle for wear, and make sure all safety latches and pins are in place.
10. Do not allow vehicles to run over hoses. Avoid kinks and sharp turns in hoses.
11. Avoid dragging hoses over concrete or any surface that could induce wear.
12. Never point an operational sand blasting hose toward personnel or equipment.

Sandblasting Hood

1. Adjust helmet headband and chinstrap to proper size. Clean and disinfect hood before and after use.
2. Make sure hood-skirting is fitted down over shoulder and snaps are fastened.
3. The waist belt for the air hose should be worn outside of skirting to allow easy adjustment.
4. Check the air supply system (including connections and kinks in the air supply line to the hood).
5. Long sleeve shirts, safety glasses, safety shoes and hearing protection are required.
6. A positive pressure air hood is required. The supplied air must be at least Grade D breathable air. Grade D air has the following characteristics:
7. Oxygen content from 19.5 to 23.5 percent