

Industrial Concrete Sprayer

Facility:	Written By:	Approved By:	Date Created:	Date of Last Revision

Hazards Present:	PPE or Devices Required:	Additional Training Required:
Pressurized Vessel	Hard Hat	WHMIS (for sprayed products)
Chemical Products	Eye protection	Body Posture Training
Flammable Products	Respirator (appropriate for product)	Lockout/Tagout Procedure
	Safety Footwear	
	Gloves	

Safe Work Procedure:

- 1) Read and understand the manual that accompanies your industrial sprayer.
- 2) Don PPE before beginning the task. Ensure clothing fits properly.
- 3) Extinguish all smoking materials.
- 4) Inspect the work area:
 - If the work area is an enclosed space, ensure adequate lighting and ventilation.
 - If spraying a flammable product, ensure no sources of ignition exist in the work area.
 - If the area contains any protrusions of rebar, pipes, or conduit, install protective caps.
- 5) Inspect the sprayer. Check for leaks, damage, loose or missing parts, or other hazards. Inspect the pump, hose, trigger assembly, and nozzle. If repairs are needed, notify your supervisor. Only qualified personnel are to perform repairs.
- 6) Consult the MSDS for the product you are spraying. Follow all precautions with regard to PPE, such as obtaining correct filters for a face mask, etc.
- 7) Insert the pump into the tank and turn clockwise to the fully locked position. Tighten the pump with the handle, then pump up some pressure into the tank. Check for leaks or unsafe conditions.
- 8) While using the sprayer, direct the nozzle away from co-workers. Do not let overspray come in contact with other chemicals or hot machinery surfaces.
- 9) Before removing the pump from the tank, ensure ALL pressure is bled off. If a pump is not loosening or coming free of the tank easily, DO NOT attempt to tap the lock mechanism sideways with a hammer; trapped pressure could propel the pump from the tank and cause injury from impact or splashed chemical products.
- 10) Clean the sprayer after use. Sprayers should be stored upright with their pumps installed, but no stored pressure inside them.

If an emergency situation occurs while conducting this task, or there is an equipment malfunction, engage the emergency stop and follow the lock out procedure

REPORT ANY HAZARDOUS SITUATIONS TO YOUR SUPERVISOR

<p align="center">Guidance Documents/Standards:</p> <p>MB Workplace Safety & Health Act & Regulations:</p> <p>2.1 Safe work procedures 6.8 Skin Protection 16.4 Machine and Tool Safety 16.14 Lockout</p>	<p>This Safe Work Procedure will be reviewed any time the task, equipment or materials change and at a minimum of every three years</p>
	<p>Reviewed By WSH Committee:</p> <p>Date:</p>