

Title of Training	PRESSURE WASHER SAFETY	
Equipment Info.	MAKE/TYPE/ SIZE/MODEL	SHARK/FUEL POWERED/3500/HPB
Material Needed	Demarcated area with traffic cones outside. Review operators manual and have trainee inspect, fuel and start up equipment and demonstrate it's use.	PPE: Hard-hat-Safety Glasses with hard side shields-Full Face Shield or goggles-Ear plugs-Metatarsal foot coverings.-Slicker suit (mandatory if working with corrosive material.)-rubber gloves (mandatory if working with corrosive material.)

PRESSURE WASHER SAFETY

Purpose

This training provides safety guidelines for the protection of personnel during the cleaning of systems and equipment utilizing high pressure water jets.

Scope

This procedure applies to all Brieser personnel and subcontractors working on projects where high pressure washer requirements are applicable.

GENERAL

Pressure washing cleaning involves the use of water at very high pressure. The potential hazard requires specific precautions throughout the cleaning operation to prevent injury or damage to personnel and equipment. This procedure outlines the steps to be followed for the safe operation of Pressure Washer equipment.



Cleaning Preparations

- Special care shall be exercised to ensure that all electrical circuits, welding machines, power units, lighting panels, and other such equipment are adequately protected from Pressure Washer for water damage.
- All equipment in the area and at lower elevations shall be adequately protected from pressure washer and water damage.
- Proper disposal facilities shall be provided for spent cleaning water. One method for removing water from the cleaning operation could include placing a drum below the exit point of the cleaning operation. This drum should be emptied by a convenient method.
- Pressure washer cleaning shall be conducted in an area that is free from foot traffic or personnel engaged in other work.
- The area in which cleaning operations are conducted shall be barricaded. Signs shall be posted that read, "DANGER HIGH PRESSURE."
- Hoses shall be routed to minimize tripping hazards. Where possible, hoses shall be routed overhead and shall be treated as follows:
 - High pressure hoses shall be plainly marked to distinguish them from other hoses by placing 2-in. fluorescent orange tape around the high pressure hoses every 2 or 3 ft.

Trainee Name (print)		Signature of Trainee	
Instructor Name		Date of Training	
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— Special precautions shall be taken to protect the hoses from contact with sharp corners and edges or highly abrasive materials.

- Hoses shall not be laid in an area where equipment will run over them or where other material can fall on them causing damage to the hoses.
- Areas shall be checked for overhead work.

A good communications system shall be established prior to any cleaning operation. It is particularly important that constant communication is maintained between the dump gun operator, the pump operator, and the cleaning personnel so that the equipment may be quickly shut down in the event of any emergency

Personal Protective Equipment

1. The following personal protective equipment (at a minimum) shall be used when operating pressure washer equipment:
 1. Hard-hat.
 2. Safety Glasses with hard side shields
 3. Full Face Shield or goggles
 4. Ear plugs.
 5. Metatarsal foot coverings.
 6. Slicker suit (mandatory if working with corrosive material.)
 7. Rubber gloves (mandatory if working with corrosive material.)



Cleaning Operation

All personnel assigned to pressure washer cleaning shall be trained by a manufacturer's representative or a project supervisor who has been certified by the manufacturer to perform such training. No Brieser employee shall be allowed to operate the pressure washer or be a part of a crew using a pressure washer without prior training.

- Because of the potential for very serious injury by the high velocity water stream, no one shall ever point or aim the pressure washer in the direction of other employees.
- Spills shall be contained to prevent slippery floor conditions, damage to equipment, and electrical or water dangers.
- In *no* case shall the dump gun trigger be taped, wired, or clamped in the close position. In the event of an emergency, it must be ready to be deactivated quickly and completely.
- Special precautions shall be taken when cleaning with self-propelled cleaning heads
- The gun shall be held with both hands for complete control.
- The operator shall never place hands or any part of the body in front of the gun.

OPERATING PROCEDURES:

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GENERAL:

- The person operating the nozzle shall have direct control of the trigger device.
- Never leave the system unattended when the system is energized.
- Pump shall be de-energized when a nozzle, lance, or hose is replaced, adjusted, or inspected.
- Do not crimp or tie-off hoses against sharp objects. Care must be taken to protect the hose at all times from damage by vehicular traffic, hot lines or equipment, or external abrasion.
- The trigger device shall not be tied down or otherwise modified during use.
- Any electrical equipment in the immediate area of the operation that presents a hazard to the operator shall be de-energized or otherwise made safe.
- The area around the operation shall be barricaded, posted, and/or a safety watch established so as to not allow unauthorized personnel into the area.

HANDS ON TRAINING

- This training is to be done by supervision owning/leasing pressure washer equipment.
- The training record shall be signed by the supervisor and the employee receiving the training. After the initial training is completed, forward the signed form to the Training Department for entry into the plant training system.

Hands- On Training shall consist of the following:

- A review of the Pressure Washer Safety Topic and the operating manual supplied with the pressure washer equipment which shall include.
- Equipment operating procedure
- Inspection procedure, and
- Maintenance procedure
- A discussion on the hazards associated with pressure washers.
- Hands On demonstration of the equipment.
- A review of the required PPE
- A discussion on the hazards associated with pressure washer equipment

Important Notice

- *This Safety Training Topic (STT) does not necessarily cover all possible hazards associated with this equipment and should be used in conjunction with equipment manual. It is designed as a guide to be used to compliment training in the field at Brieser Construction and as a reminder to users prior to equipment use.*

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EMPLOYEE NAME (Print or Type)	EMPLOYEE SIGNATURE	TRADE	JOB TITLE
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