

	SMITH CONSTRUCTION, INC. Safety Management System	Doc No:	SCI-S006
		Initial Issue Date	06/30/2025
		Revision Date:	10/06/2025
PSV DECONTAMINATION		Revision No.	1
Preparation: Safety Mgr	Authority: President	Issuing Dept: Safety	Next Review Date: 06/30/2026
			Page: Page 1 of 2

Purpose

The purpose of this procedure is to define the requirements for safely and efficiently performing PSV Decontamination.

Scope

This policy details the Risks, PPE, Equipment, Key Responsibilities, and instruction for decontamination of PSV's.

Risks

- **High pressure Water Injury**
- **Hot water dburns**
- **Slips/Trips/Falls**
- **Strains**
- **Key Responsibilities**

PPE

- **Basic PPE**
- **Face Shields**

Equipment

- **Hot Wash**
- **Pick-up**
- **15K Hydroblaster**

Key Responsibilities

Supervisors

- Shall ensure that this policy is followed and properly executed by trained personnel.

Employees

- Shall follow all aspects of this procedure.

	SMITH CONSTRUCTION, INC. Safety Management System	Doc No:	SCI-S006
		Initial Issue Date	06/30/2025
		Revision Date:	10/06/2025
PSV DECONTAMINATION		Revision No.	1
Preparation: Safety Mgr	Authority: President	Issuing Dept: Safety	Page:
			Page 2 of 2

Process

Pre-Work & Set-Up

1. Complete the pre-trip log for pump truck
2. Complete the JSA
3. Identify the correct PSV to be decontaminated, this can be done in most cases by tags, but in the even that there is not a tag, contact Environmental or Supervisor to confirm PSV. If a PSV comes from the Alky unit, it should have been neutralized prior to our cleaning process. It's always best to check with environmental if you are unsure about the PSV origin. A good indicator that a PSV originated from the Alky is by looking at its tag, if the tag is a 900's number, it is likely an Alky PSV and would need to be neutralized before we begin high pressure washing.
4. Position the Hot Washer on the South-West side of the Vactor Pad.
5. Position the Hydroblaster. Using a ground guide, back the 15K Hydroblaster into the South-West gate of the Vactor Pad and place Chalk Blocks on the Hydroblaster Trailer.
6. Start Blaster and allow to warm up for 5 minutes.

PSV Decontamination Process

7. Using the Hot water, spray the entire valve.
8. Wash the PSV Body. Begin washing the body of the PSV, washing contents away from the flange openings.
9. Wash the PSV Flange Faces. Once the body of the PSV has been completely washed and free of surface debris, begin washing the flange faces and the inside of the PSV.
10. Repeat process steps 8-9 using the 15K Hydroblaster, using the "Shotgun" Handgun Sprayer.
11. Turn Valve and Wash the other side. When all debris has been cleaned, turn the valve over and repeat steps 7-10. (If a PSV is 4" or greater it may be necessary to have heavy equipment turn the valve for safety and to ensure the valve is not damaged).
12. Once complete notify Environmental that the valve has been neutralized and request inspection for signoff.

Clean-Up & Completion

13. Clean the equipment, Secure all Hoses, throw away all trash.
14. Notify your supervisor the project is complete.