

	SMITH CONSTRUCTION, INC. Safety Management System	Doc No:	SCI-S022
		Initial Issue Date	10/23/2025
		Revision Date:	Initial Version
WEST FLARE STACK AND DRUM DRAW			Revision No.
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Purpose

The purpose of this procedure is to define the requirements for safely and efficiently performing West Flare Stack Draw.

Scope

This policy details the Risks, PPE, Equipment, Key Responsibilities, instruction for Procut Draw from the West Flare Stack Draw.

Risks

- **Vac Truck Valve Operation**
- **Unknown Product**
- **Exposure Skin/Product/Vapor**
- **Slips/Trips/Falls**
- **Damage to Equipment**
- **Containment Loss**

PPE

- **Basic PPE**
- **Fresh Air**
- **Radio**
- **Chemical Protective Suit**
- **Chemical Gloves**

Equipment

- **Vacuum Truck**

Key Responsibilities

Supervisors

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

Employees

- Shall follow all aspects of this procedure.

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Process

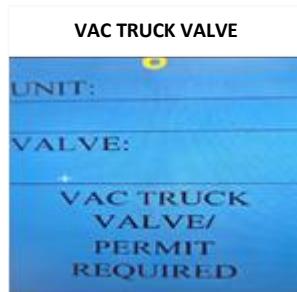
Pre-Work & Set-Up

***ATTENTION: THIS JOB IS A HIGH-RISK ACTIVITY. ONE SHOULD TAKE EXTRA CAUTION WHEN PERFORMING THIS ACTIVITY. THERE IS A CHANE FOR DEADLY GAS EXPOSURE. PLEASE STAY VIGILENT IN FOLLOWING SAFETY PROTOCOLS.**

1. Conduct Equipment Pre-Trip
2. Complete JSA
3. Obtain Permit
4. Set Vacuum truck up for loading of product. Using a ground guide, back your vacuum truck into position, approximately 10' from the collection location. Ensure wheels are chalked, vent is placed in proper position and marked with cone, ensure area is clear of other personnel down wind, connect grounding cable and ensure that ground light is on, connect hose to vacuum truck, apply cam lock, place end of hose in collection containment tub where the operator is located.

Flare Draw Process

5. Engage the Suction Pump and allow vacuum to build to 5psi.
6. Open the Vac Truck Valve on the Vessel. **(THIS WILL BE INDICATED BY A BLUE TAG AS SHOWN BELOW)**



7. Begin suction using the open end of the vacuum hose, vacuuming the tub until the vacuum truck is 80% full, make certain to get a sample of the stream.
8. Close the Vac Truck Valve
9. Remove suction hose from containment (while suction pump is still engaged to ensure vapors and product do not escape).
10. Record the number of products on-loaded and get a sample.
11. Notify Operations via Radio that West Flare Stack Draw is complete and the Drain Valve needs to be

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closed.

12. Once the vacuum truck equipment has been loaded, and hoses have been secured to offload at TK84 and offload per SCI-S002-TK84 Offload Procedure.

13. Ensure all caps are capped and stored correctly on the vacuum truck before leaving.

Clean-Up and Completion

14. Clean-Up. Wash Equipment, pick up any trash around the worksite

15. Notify the Supervisor that West Flare Stack Draw has been completed.