

	SMITH CONSTRUCTION, INC. Safety Management System	Doc No:	SCI-S015
		Initial Issue Date	10/23/2025
		Revision Date:	10/06/225
V9002 ASO Draw		Revision No.	2
Preparation: Safety Mgr	Authority: President	Issuing Dept: Safety	Page:
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Purpose

The purpose of this procedure is to define the requirements for safely and efficiently performing V9002 ASO Draw .

Scope

This policy details the Risks, PPE, Equipment, Key Responsibilities, instruction for Procut Draw from the V9002 ASO Draw. When performing vacuum truck operations inside Valero Ardmore Refinery, activities must be performed in accordance with SHG E-31 "Vacuum Truck Operation Safety & Health Guidelines".

Risks

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

PPE

- Basic PPE
- Chemical Protective Suit
- Chemical Protective Gloves
- Rubber Boots
- Face Shield
- Alky PPE (Level to be assigned by Operations)
- Radio

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

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.
 - **NOTE: THE OPERATOR WILL OPERATE THE VALVE ON THE ASO TANK.**
6. **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.
7. **Once onloading is complete, remove suction hose from containment** (while suction pump is still engaged to ensure vapors and product do not escape).
8. **Record the number of products** on-loaded and get a sample.
9. **Notify Operations via Radio that ASO Draw is complete** and the Drain Valve needs to be closed
10. **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.

Clean-Up and Completion

11. **Clean-Up.** Wash Equipment, pick up any trash around the worksite, Load 5 barrels of Diesel onto the vacuum truck, and drive the truck for 10 minutes.
12. **Notify the Supervisor** that ASO Draw has been completed.