

Operating Instructions

***Wear necessary PPE including protective gloves and suitable eye protection.**

***Always follow applicable codes, manufacturer's instructions, & company policies. *See www.gardnermarsh.com website for video of VENTUR-EVAC use**

1. VENTUR-EVAC connections at truck:
 - A. Connect the VENTUR-EVAC outlet to the truck tank "SPRAY FILL" connection.
 - B. Connect the truck delivery hose, hose-end valve to the VENTUR-EVAC inlet.
2. Liquid LP-gas hose connections to tank and truck:
 - A. Connect one end of the $\frac{3}{4}$ " minimum diameter, LP-gas rated liquid hose-end valve to the liquid withdrawal valve of the tank to be evacuated.
 - B. Connect the second end of the $\frac{3}{4}$ " minimum diameter, LP-gas rated liquid hose, to the VENTUR-EVAC siphon inlet.
3. Vapor LP-gas hose connections to tank and truck:
 - A. Connect a manually operated angle unloading adaptor to the Filler valve of the tank to be evacuated.
 - B. Connect the $\frac{1}{2}$ " minimum diameter, LP-gas rated vapor hose, to the unloading adaptor. NOTE: This is a crucial step for proper flow rates as the POL does not have sufficient flow rates to maximize GPM.
 - C. Connect the other end of the $\frac{1}{2}$ " minimum diameter, LP-gas rated vapor hose, to the truck "VAPOR" connection.
4. Assure all fittings and connections are tight, starting with the hose end delivery valve, open all valves, and leak check all connections.
5. Engage the truck pump and **pump at idle** for the duration of the transfer.
6. When transfer is complete, disengage the truck pump. Close all valves. Bleed off residual product from hoses through bleeders located on the truck fill assembly and unloading adaptor.
7. Disconnect the hoses and VENTUR-EVAC. Install protective caps & plugs on all fittings.
8. Properly stow all equipment

From Truck Delivery
Hose, Hose-End Valve



Outlet to Truck
"SPRAY FILL"

Inlet from ALWEF (evacuation)
valve on tank to be evacuated

Recommended Equipment for Proper Use & Operation:

- Necessary PPE,
- VENTUR-EVAC,
- 1-3/4" M. ACME x 3-1/4" or 4-1/4" F. ACME,
- "Liquid" LP-Gas hose, minimum diameter 3/4", working pressure of at least 350 psig, with a $\frac{3}{4}$ " ball valve and 1-3/4" F. ACME adaptor on one end and a 1-3/4" F. ACME adaptor on the other end,
- Manually operated 3/4" F. NPT angle valve and necessary adaptor to connect the Liquid Withdrawal valve of the container to be evacuated, and
- "Vapor" LP-Gas hose, minimum diameter 1/2", working pressure of at least 350 psig, and a 1-3/4" F. ACME adaptor on one end and a manually operated 1-3/4" F. ACME x 3/4" F. NPT angle unloading adapter (Marshall Excelsior ME450, etc.) on the other end.



RALEIGH, NC 800-334-9245
FLORENCE, SC 800-868-8988

Tank & VENTUR-EVAC Connections

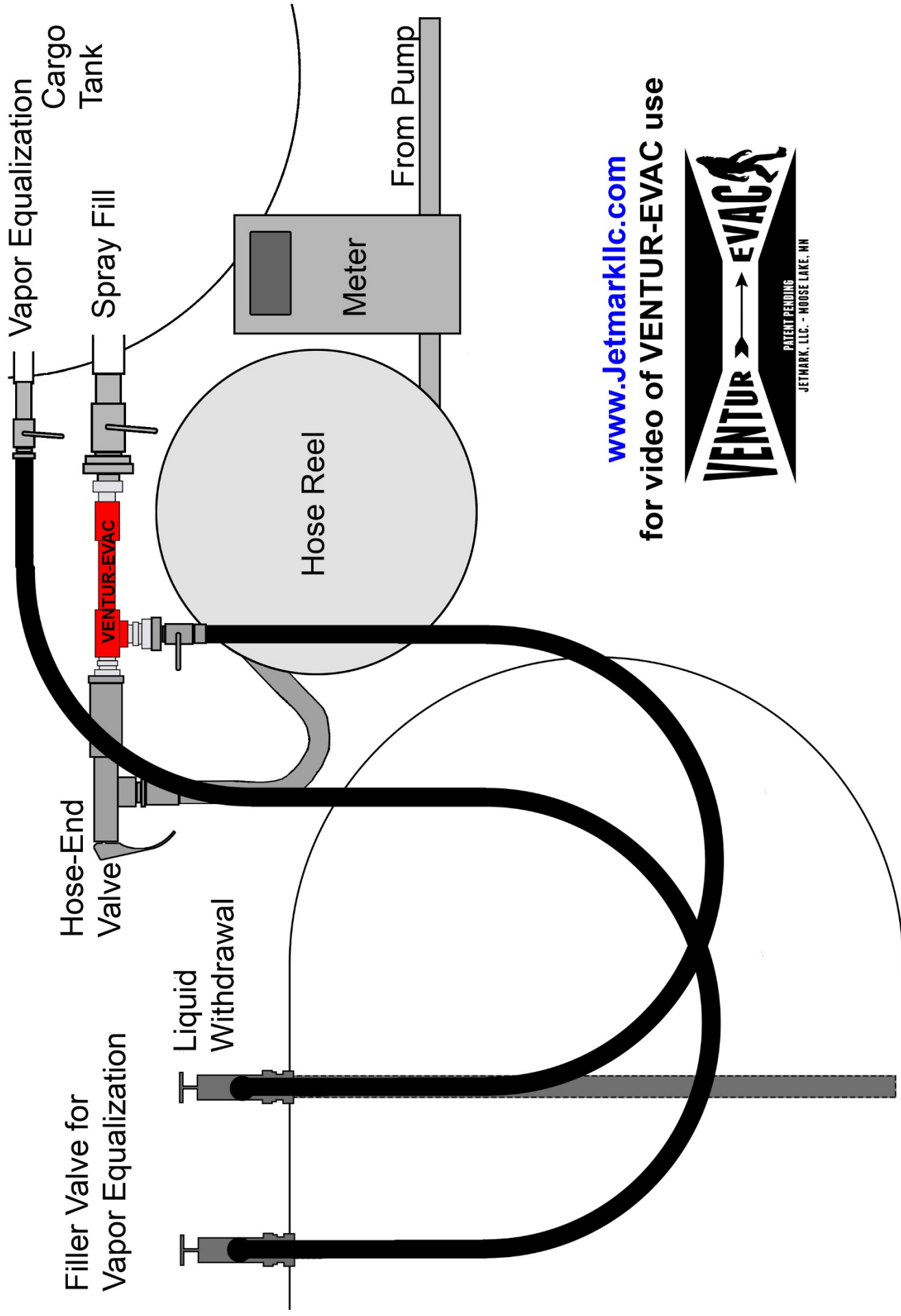


Tank Filler Valve – Hose to Bobtail Vapor Equalization

Liquid Withdrawal Valve – To Hose to VENTUR-EVAC

Bobtail Hose-end Valve to VENTUR-EVAC





www.Jetmarkllc.com

for video of VENTUR-EVAC use

