

Dry Vacuum Operations

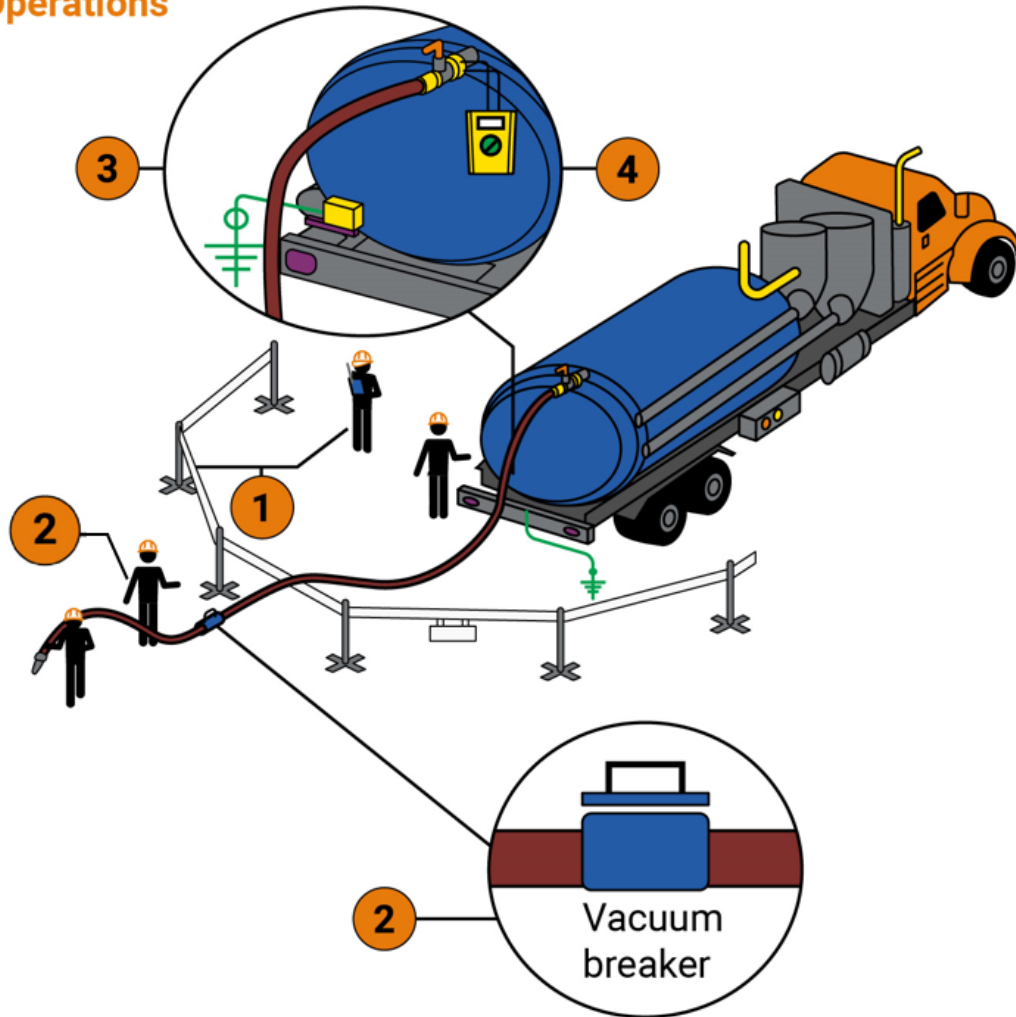
WHEN TO COMPLETE – Before the start of any Dry Vacuum Operation activities

Confirm each control / safeguard below before starting work	Guidance for confirming each control / safeguard	Person(s) Performing Work	Start-Work Verifier
I HAVE CONFIRMED:			
1 Required gas tests completed and exclusion zones established as needed.	<ul style="list-style-type: none"> Confirm area gas testing requirements have been completed and understood. Confirm the material is: <ul style="list-style-type: none"> hydrocarbon free or If uncertain about hydrocarbon presence develop a monitoring plan or Use an air mover designed for handling flammables or low flash combustibles. Confirm barricades are in place to restrict personnel and vehicle traffic as needed. 		
2 Vacuum breaks have been verified as functioning.	<ul style="list-style-type: none"> Confirm vacuum breaker (hose or truck mounted) is positioned in a location easily accessed. Vacuum break is attended when vacuum system is operated. 		
3 Equipment is confirmed to be grounded to an acceptable grounding location	<ul style="list-style-type: none"> Approved ground point used. Mobile Ground Verification (MGV-if used or Bond-Rite cable) has green light properly achieved (Red light on prior to setting clamp). If MGV or Bond-Rite unavailable, use approved ground cable and check continuity to approve ground point. Confirm that continuity exists between the grounding clamp, grounding point, and the connection measures ≤ 10 ohms. Ground points do not include painted surfaces. Grounding equipment is in good working condition. 		
4 Systems continuity testing successful	<ul style="list-style-type: none"> Confirm that continuity exists throughout all bonded components of the system (and each connection measures ≤ 10 ohms) Mobile Ground Verification (MGV) and/or ohms meter is functioning properly 		

Confirm these controls / safeguards are in place and verified prior to starting work. Stop and seek help if anything changes.

	Printed Name & Role	Signature	Date
Start Work Verifier			

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Scenario 1:

Dry Vacuum Truck connected to equipment:

If the hose end will be connected directly to equipment and the vacuum truck controls operator has a clear view of the entire operation. One person may be sufficient to safely control the material collection. (MOC and/or procedure may be needed before attaching vacuum equipment directly to equipment)

Scenario 2:

Hose not attached directly to equipment:

A hose attendant is required to manage the hose end to prevent movement or whipping around. A separate safety attendant must manage the vacuum breaker or E-Stop. Attendant must have direct line of sight or communications with the hose operator (or use an additional "hose watch" to communicate with a attendant).