

Bulk Tank Cleaning Guidelines

Preparation

A bulk tank must be clean, dry, and free of all contaminants before it is filled. Bulk tanks containing bulk products can be cleaned using the cleaning procedure described below. Always wear proper protective equipment as recommended in the product's MSDS during inspection and cleaning.

Criteria for bulk tank clean-out approval includes the following:

- No visible solids are allowed on the interior of the tank and piping.
- EPA required clean out limits for product integrity are met per PR Notice 96-8.
- Internal minimum requirements for product integrity are followed.

Procedures

1. Drain all liquid into a DOT approved disposal container.
2. Visually inspect the tank interior.
3. Remove any loose solid material.
4. Spray bottom first with water to loosen any residue in the sump or cone before cleaning. Use a pressure washer delivering 2 to 5 gpm to minimize water volume.
5. Spray under roof shell, then inside wall of tank, working from top of the walls down. Use water volume necessary to spray all surfaces. (If water fails to remove solids, consider using liquid fertilizer as an alternative to soften solids.)
6. If the system can circulate, circulate 10 minutes to loosen material and solids in the tank and piping. (Add water volume as needed to avoid starving the pump.)
7. Drain the tank using the system pump, preferably exiting through the meter.
8. Repeat steps 2 through 6 above two more times, for total of three rinses. Use hot water and detergent if residue remains.
9. Disassemble and clean or replace screen and hoses.
10. Inspect the inside of the container. The container must be free of residues on the inside wall of the container.
11. Drain and dry entire system, container, piping, meter and strainer prior to filling with another product.
12. Dispose of the wash water in accordance with the federal, state, and local laws and regulations.