

technical spec • utilization • filling • cleaning • maintenance & repair

Gas Tanks- Cleaning

**Note**

Due to the hazardous nature of the products generally transported in this container and due to the risk of compatibility with cleaning products we are not in a position to recommend any cleaning process.

The vessel material is carbon steel which, when exposed to moisture will immediately start oxidizing (corroding).

Whenever the tank is inspected for cleanliness or the manlid removed for whatever reason, it is essential that the tank be filled with product or purged with Nitrogen immediately after closure of manlid. In no case should this period be longer than 4 - 6 hours (depending on the moisture content of the air and the ambient temperature).

**Should the vessel need to be shotblasted on the inside the following precaution should be taken:**

**i)** The gas and liquid phase valves E, F, C and D should be removed from the vessel and be stored in a dust free environment. Please note that the complete gas line manifold and valves can be removed as a unit and need not be separated. The same applies to the liquid line manifold and valves.

**ii)** The safety relief valve should be removed from the vessel and stored in a dust free environment.

**iii)** The gas and liquid suction tubes on the inside of the tank is made of 304L stainless steel and should not be shotblasted with carbon steel particles and should thus be protected during shotblasting.

**iv)** These pipes should be pickled and passivated after shotblasting and thoroughly cleaned with a pipe brush and solvent on the inside to remove all dust and particles.

**IMPORTANT**

A. Dust or particles could lodge on the sealing surfaced of the excess flow valves and could cause leakage, therefore the inside of the tank should be carefully vacuum cleaned and the suction tube meticulously cleaned on the inside before replacing the valves and filling the vessel.

B. Never blow off purging through the liquid phase, use the gas phase for this purpose.

