



Pollution Systems engineers and provides vapor control technology to be used specifically for **Tank and Pipeline Degassing**. Our portable thermal oxidizers and enclosed flares are ideal for operators who have a need for safe and easy to use degassing systems that are technologically advanced and designed for high-capacity workloads. System models range from small to large units, with the larger capable of treating emissions greater than 10MM BTU and beyond.

When storage tanks are emptied, gas vapor that remains in the tank has to be captured and destroyed before the storage tank can be cleaned and reused. The potentially-toxic residual vapor is a product of the previously contained Volatile Organic Compounds (VOC's), which may consist of chemicals, solvents and/or petrochemicals. If degassing is not properly conducted, the harmful vapor can be expelled into the atmosphere during turnover operations, causing health concerns and compliance issues. Similar to tanks, pipelines that transport hazardous substances must be degassed and cleaned before they are put into, or taken out of, service.

Thermal oxidizers are used to treat gas vapor as it is forced out of the storage tank or pipeline during cleaning, filling or normal operations. Using heat, the oxidizers destroy the VOC's present in the vapor. This control solution is effective for vapors containing high concentrations of VOC's, and can achieve destruction efficiency in excess of 99%. Alternatively, enclosed flares are used to handle high-VOC streams, by utilizing the entering gas as fuel, and therefore are designed to accommodate discharge streams with excess air for combustion.



Our oxidizers are designed to work for all your degassing applications and assure:

- Safety
- Reliability
- Mobility
- High Capacity
- Ease of Use

Pollution Systems can provide you a thermal oxidizer or enclosed flare to meet the specifications and range of your degassing applications. Our experience includes the design, manufacture and installation of oxidizers for tanks used in the shipping industry and for storage tanks at processing plants and oil and gas installations.



Pollution Systems
2170 Buckthorne Place
Suite 160
The Woodlands, Texas 77380

Phone (713) 574-6661
Fax (713) 456-2666
Email: Sales@PollutionSystems.com
Web: www.PollutionSystems.com

