

DEGASSING & VAPOR CONTROL



Advantages

- Dependable safety
- Environmental compliance
- High productivity
- Minimal time on site
- Cost efficiency
- Integrated tank cleaning and degassing
- Vapor combustion with 99.9% DRE
- Provided with other USA DeBusk services



Mobile thermal oxidation units

USA DeBusk provides complete vapor management for aboveground storage tanks, pipelines and related equipment during maintenance operations. Each project is custom-engineered to deliver the highest level of safety, regulatory compliance and success in achieving customer objectives. In-depth pre-project planning includes treatability studies and coordination with plant personnel.

EFFICIENT & EFFECTIVE

USA DeBusk technologies and services improve safety while decreasing time on site, reducing costs and improving project efficiency. Degassing and vapor control can be performed simultaneously with tank cleaning to substantially reduce turnaround time. Vapor control can also be implemented with heat exchanger services and bundle extraction to ensure safer, more efficient exchanger turnarounds.

APPLICATIONS

- Aboveground storage tank cleaning
- Centrifugal sludge processing
- Depressurizations and de-inventories
- Tank vent emissions
- Frac tanks
- Pipeline cleaning and pigging
- Heat exchanger bundle cleaning
- Natural gas line purging
- Flareless turnarounds

Vapor control for tanks and pipelines



Integrated tank cleaning & degassing



QUALIFIED FOR SAFETY

USA DeBusk teams have the experience, training and technology to safely operate in the most hazardous environments, including areas with pyrophoric products, Immediately Dangerous To Life or Health (IDLH) atmospheres and vessels with structural damage or external leaks.

The USA DeBusk commitment to safe operations includes:

- Coordination with customer EHS, Maintenance and Inspection departments
- State-of-the art equipment for vapor scrubbing and destruction
- Hazard management training
- API certification for tank entry
- Work scope designed to minimize confined space entry
- Pre-project hazard identification and mitigation plan submitted for client review
- Ongoing training with mentorship program for technician support

VAPOR COMBUSTION

USA DeBusk uses advanced, mobile thermal oxidation units capable of achieving the highest vapor destruction ratio efficiency while maintaining high-volume throughput.

- 99.9% DRE (Destruction Ratio Efficiency)
- Rates up to 10,000 cfm
- Multiple designs
- 24-hour response
- Advanced safety systems

VAPOR SCRUBBER SYSTEMS

Scrubber services ensure compliance with Federal, state and local regulations.

- Solutions for VOCs, HAPs, H₂S, chlorinated hydrocarbons, ammonia and other hazardous or odor-causing chemicals
- Vapor control for tank cleaning and degassing, centrifugal sludge processing, depressurizations and de-inventories, tank vent emissions, frac tanks, pipeline cleaning and pigging, natural gas line purging, heat exchanger services and bundle extraction and more

FOR SAFETY AND
COMPLIANCE, TRUST THE
DEGASSING EXPERTISE
AND EXPERIENCE OF
USA DEBUSK