



## Typical Applications Include:

- Oil and Gas Well Drilling Operations (On and Off shore)
- Oil Refineries
- Chemical/Petrochemical Processing Plants
- Gas Distribution Infrastructure
- Landfills

## DIRECT MASS MEASUREMENT OF VENT GAS (FLASH GAS) FLOW RATES

### Providing exceptional low-flow sensitivity for accurate measurement over a wide range of vent (flash) gas applications

Rising levels of volatile organic compounds (VOCs) in the atmosphere are a subject of general concern and increasing environmental regulation. In order to monitor and quantify emissions, VOC concentrations as well as VOC flow rates must be measured to evaluate mass emission rate.

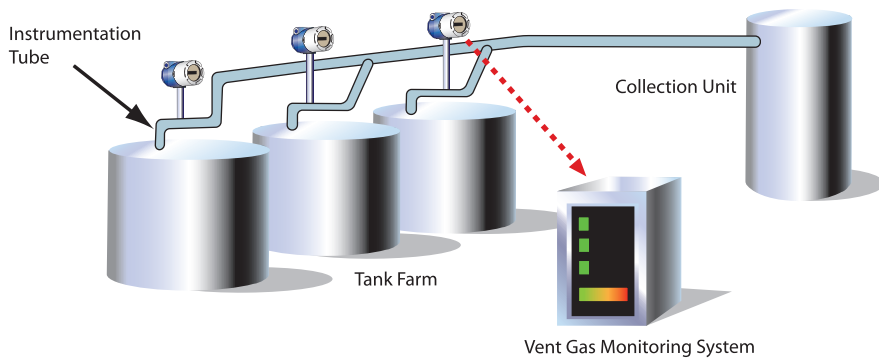
The major reason for monitoring VOC emissions is to provide information for environmental audits (40 CFR Part 98). However, VOC monitoring can also help you:

- Identify opportunities to reduce emissions
- Evaluate performance of existing abatement equipment
- Identify and correct sources of fugitive emissions
- Demonstrate continual improvement in environmental performance
- Meet health and safety requirements and improve working conditions
- Optimize process flows throughout the plant or storage facility

The thermal mass flow meter's ability to provide a direct reading of mass flow rate without additional pressure and temperature instrumentation makes it ideal for measuring flow rates in flare stacks, ducts and tank vents.

### Fox Flow Meter Advantages in Emissions Monitoring Applications

- Exceptional low-flow sensitivity for accurate measurement over a wide range of flaring operations
- Stainless steel sensor is suitable for corrosive, particulate-laden gas streams
- No temperature and pressure compensation required
- Direct mass flow measurement
- Built-in alarms, totalizers and a wide variety of communications protocols available for easy interfacing with emissions management systems



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