

Vapor Recovery / Emissions:

An Owner/Operators and Industry
Consultant's View

(part 2)



Tank De-Gassing and Vapor Control

Tank Fires

- Caused by ignition of vapor in and around roof seal
 - Arc
 - Lightning

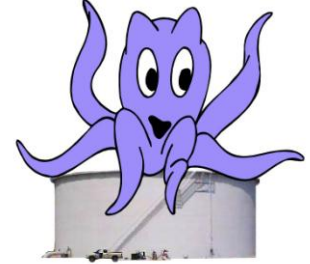


Uncontrolled Vapor

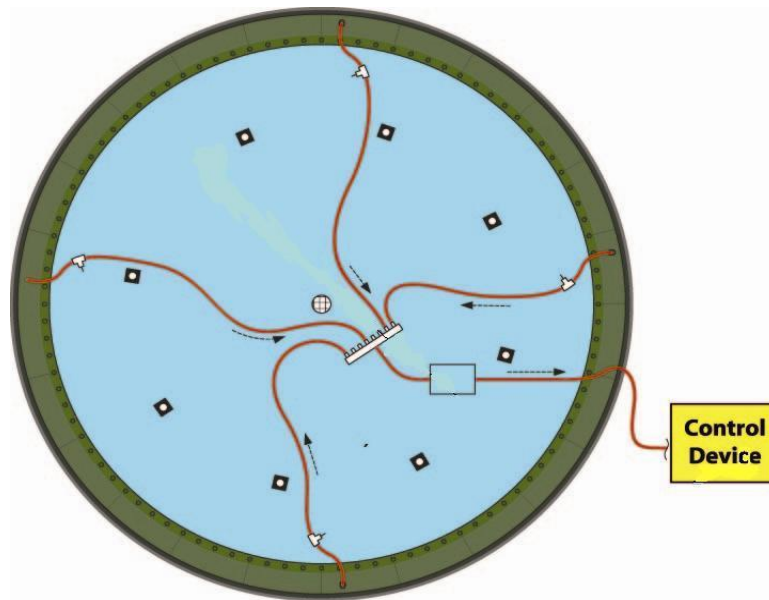


- Seal Failure
- Floating the roof during loading
- Vapor space in seals

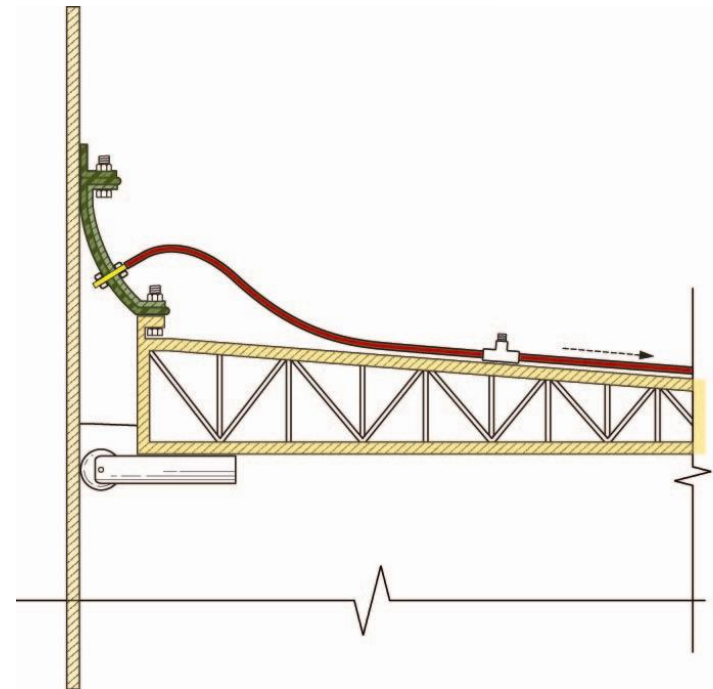
Octopus Solution



- o Purge seals with fresh air to keep VOC levels low
- o Sweep seals with nitrogen



Aerial View



Control Device

- IC Engines
- Stationary flare
- Refrigerated vapor control system



