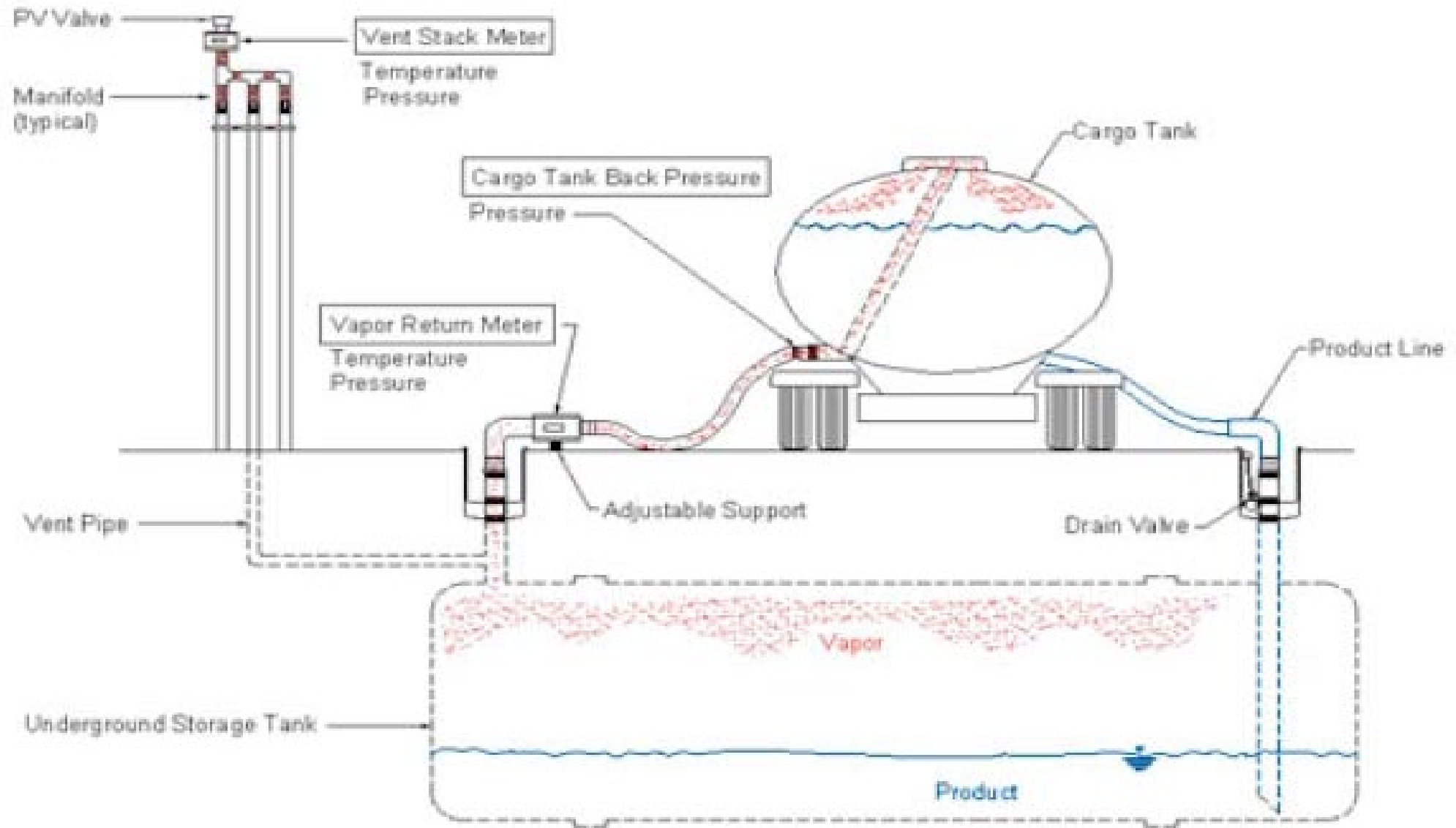


# Vapor Recovery



# Who needs an air permit?

## Gasoline tanks 2,000 gallons and greater

- ▶ Stage 1 = Throughput is less than 10,000 gallons per month - GP004a / GP004b
- ▶ Stage 2 = Throughput is greater than 10,000 gallons per month
  - ▶ Site has Stage 2 equipment = GP004a
  - ▶ Site was installed as Stage 1 only OR site has decommissioned = GP004b
- ▶ Air permit Helpline (609) 633-2829

# Stage 1 Equipment at tank top

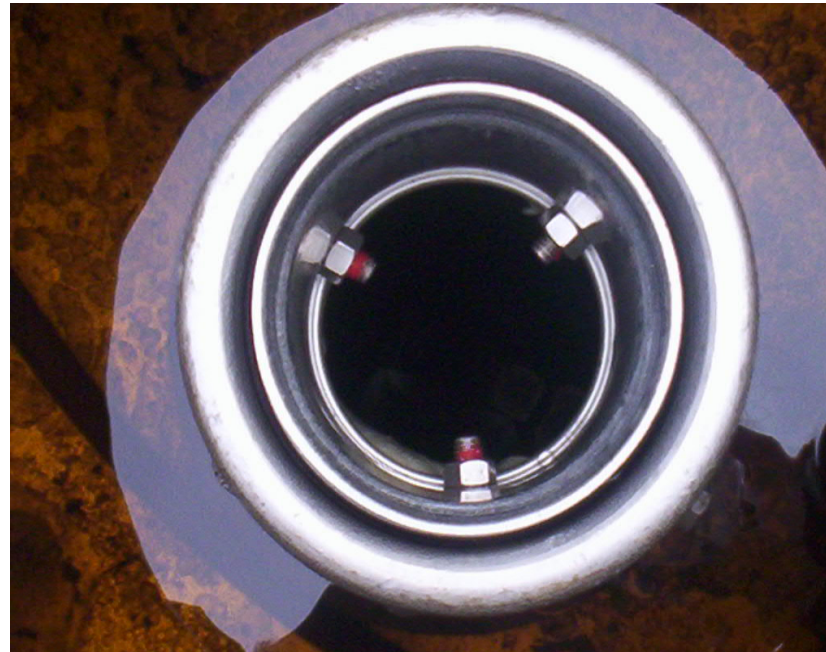
## Dry Break

- ▶ Manifolded or at each tank



## Coaxial

- ▶ No new installs





# Dry Break Violations

Open Venting



Stuck Open



Missing Something?



# Stage 1 equipment at vent

## Old PVV

- ▶ Should have been replaced by 12/23/18



## New EVR PVV

- ▶ OPW (273v model)
- ▶ Husky (5885 model)
- ▶ Franklin (PV-zero model)

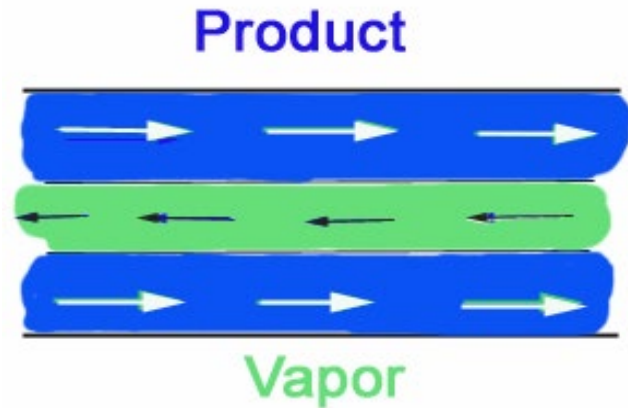




# Stage 2 Equipment

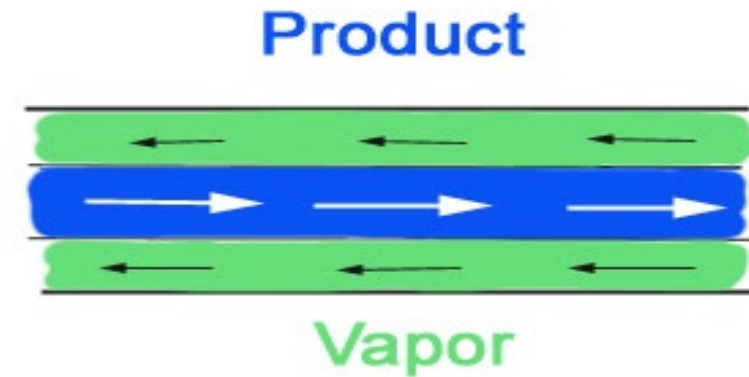
## Vac Assist

- ▶ Must be decommissioned by 12/23/20; unless site has a permeator



## Balanced

- ▶ No decommissioning requirement



# Common Stage 2 Violations

The Good



The Bad



The Ugly





# Vapor Testing

- ▶ Stage 1 annual testing - All sites
  - ▶ PVV
  - ▶ Pressure Decay
  - ▶ Torque test - fills with swivel adaptors only
    - ▶ New installs upon installation
    - ▶ Existing installations 12/23/24
  - ▶ Tie Tank Test
    - ▶ At installation - no annual test required
- ▶ Stage 2 Three year testing - sites with Stage 2 only
  - ▶ Dynamic Backpressure (wet/dry blockage)
  - ▶ Air to Liquid Ration (vac assist only)
- ▶ 14-day notification required prior to testing

# Decommissioning

- ▶ Vac Assist systems must decommission by 12/23/2020
- ▶ No deadline for balanced systems
- ▶ Work must be done by a NJ UST contractor certified in Installation or Closure
- ▶ 14-day notification is required before decommissioning AND after decommissioning (include PEI checklist, PVV, pressure decay and tie tank tests)

# Where to cap the vent line?





# Post decommissioning dispensers hoses

- ▶ ECo nozzles
- ▶ Low permeation hoses

