



# CODES

## Rules and Regulation Support



2011 LP Compliance



PCI Compliance



Toxic Air Standard

### Regulation Clarity

- ▶ Relationships with state inspectors keep us up-to-date.
- ▶ Dedicated regulatory team to monitor changes.
- ▶ Personal account management for your business.

# Vapor Recovery

Effective January 10, 2011

## 100,000 Gallons Plus

All motor fuel dispensing facilities that average more than 100,000 gallons monthly throughput of gasoline must install Stage 1 vapor recovery.

- ▶ Federal Environmental Protection Agency (U.S. EPA) rule

## Install Dates

Locations built or installed during the given time period must do the following:

- ▶ After 11/9/06 must utilize a dual point vapor balance system
- ▶ Before 11/9/06 can utilize a coaxial (single point) systems

## Monthly Calculations

The monthly throughput is based on the following calculation at a gasoline dispensing facility:

- ▶ Summing the volume of gasoline loaded or dispensed from all gasoline storage tanks during the current day
- ▶ Plus total volume of gasoline loaded or dispensed from all gasoline storage tanks during the previous 364 days
- ▶ Divide the sum by 12



# Forms of Vapor Recovery

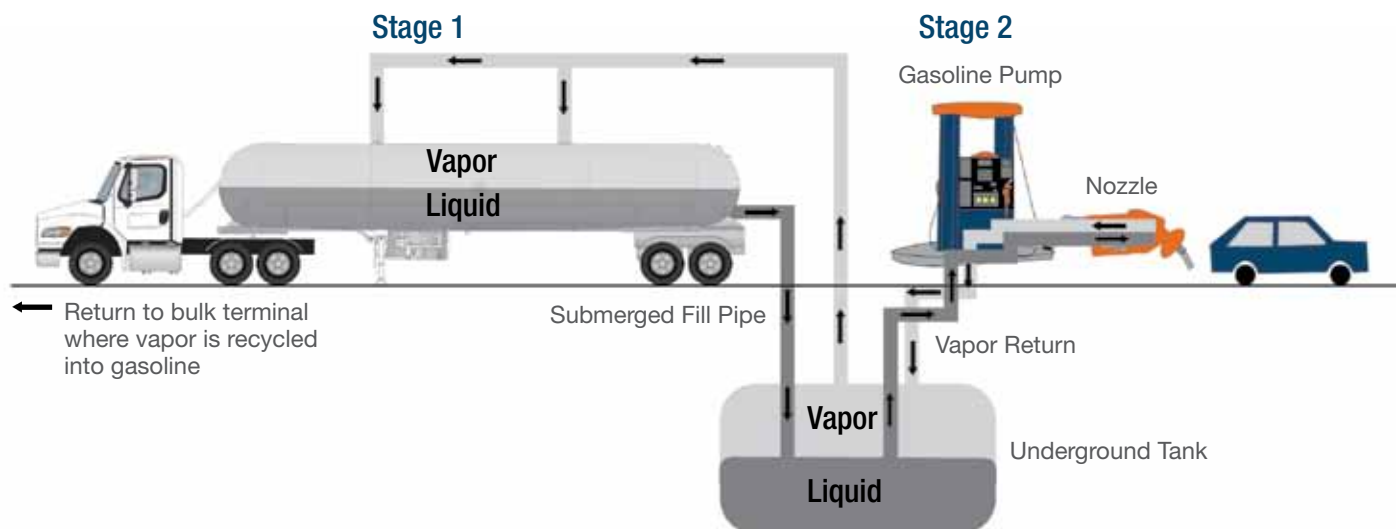
Vapor and Liquid

## Stage 1

- ▶ Recovery of vapors forced out of the petroleum storage tank during fuel deliveries to the station
- ▶ Vapors are returned to the delivery truck's gasoline fuel compartment

## Stage 2

- ▶ Recovers the vapor forced out of a motor vehicle's fuel tank during refueling
- ▶ Vapors returned to the station's storage tank through a nozzle spout and vapor return hose



FUEL  
ON