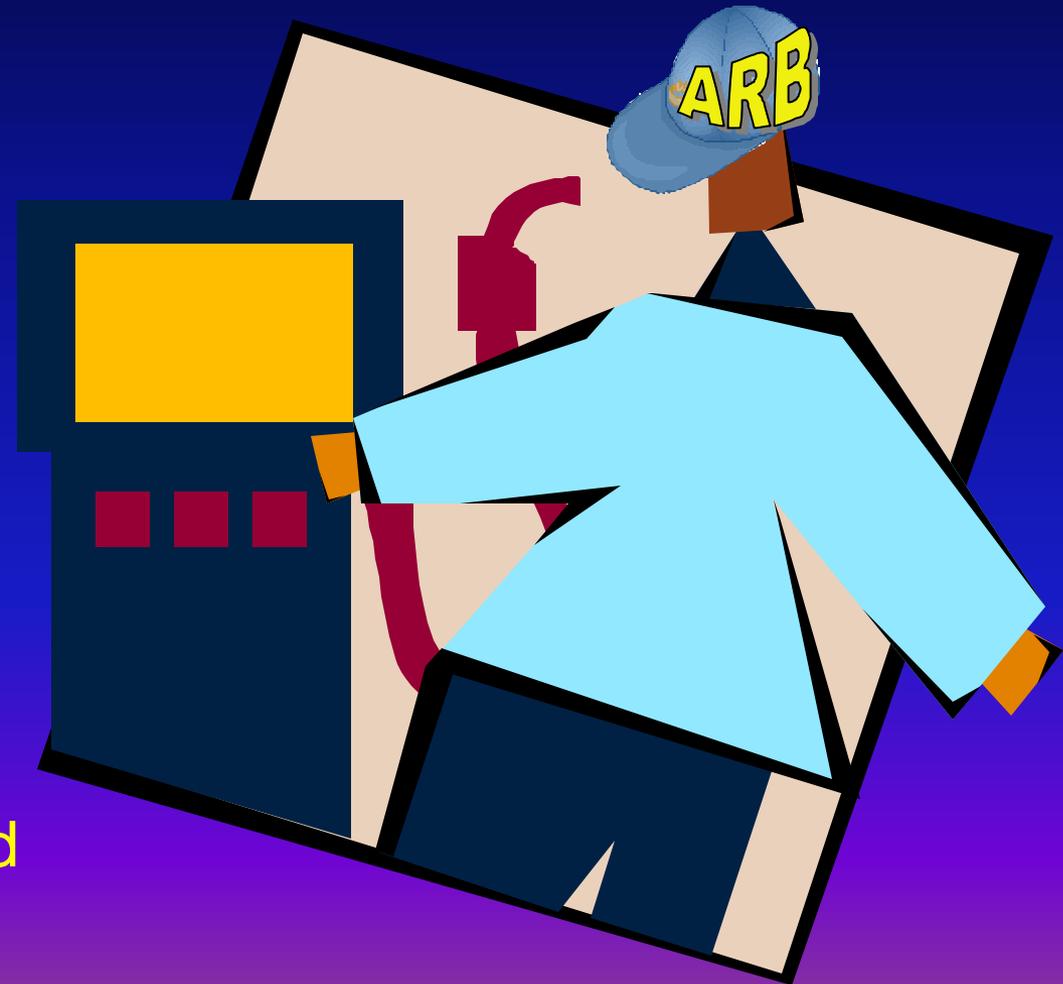


Vapor Recovery Systems at Gasoline Dispensing Facilities

May 25, 2006

Sacramento

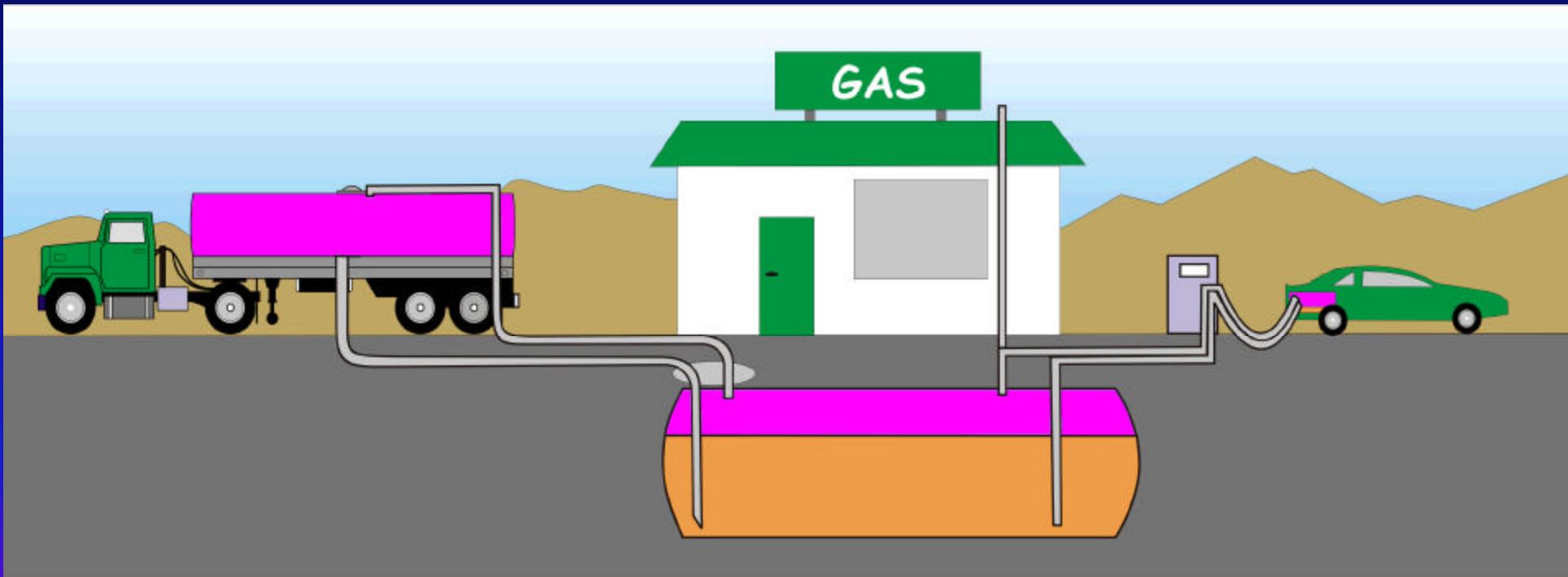


Air Resources Board
Cal-EPA

Presentation Overview

- **Introduction**
- Proposed Amendments
 - Certification Procedure and Definitions
 - Two Test Procedures
- Proposed New Test Procedure
- Economic and Environmental Impacts
- Participating Stakeholders
- Recommendations

Vapor Recovery at Gasoline Dispensing Facilities (GDFs)



Phase I

Phase II

Benefits of the Vapor Recovery Program

- Emissions Reductions
 - 372 TPD ROG
 - 151 PPD Benzene
- Reduced exposure during re-fueling
 - Benzene
 - Other toxic hydrocarbons

Certification of GDF Vapor Recovery Systems

- CP-201, “Certification Procedure for Vapor Recovery Systems at Gasoline Dispensing Facilities”
- D-200, “Definitions for Vapor Recovery Procedures”
- Test Procedures (TPs)

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Certification Procedure- Proposed Amendments (CP-201)

- Add SWRCB review
- Update Implementation Schedule
Executive Officer actions
- Expand conditions for determination of commercial availability
- Modify pressure/vacuum vent valve performance specifications
 - Positive cracking pressure
 - Negative leakrate

Certification Procedure- Proposed Amendments (cont.)

- Improve Phase I and II compatibility determinations
- Clarify the Executive Order process
 - Renewing
 - Amending
- Other changes to the regulation
 - Re-organize
 - Clarify/expand Language
 - Non-substantive corrections/changes

Test Procedures – Proposed Amendments

- TP-201.2G, Procedure for Rigid Piping:
Changed reference to the performance requirement
- TP-201.2I, Procedure for ISD:
Deleted a section that was removed in a previous rulemaking

New Test Procedure Proposed Pressure/Vacuum Vent Valves

- New procedure- TP-201.1E CERT
Use for certification only
- Retain old procedure
Used by Districts for compliance testing



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Economic and Environmental Impacts

- Potential cost savings
 - Vapor recovery equipment manufacturers
 - GDF operators
- No effect on emissions

Participating Stakeholders

- Air Pollution Control Districts
- State Water Resources Control Board
- Vapor Recovery Equipment Manufacturers
- Petroleum Marketers and Associations
- Service Station Operators and Associations

Recommendations

- Staff recommends that the Board adopt the proposed amendments:
 - Certification Procedure
 - Test Procedures
 - New Test Procedure