

Vapor Recovery Equipment Defects (VRED) List Update Workshop

January 10, 2011

*California Air Resources Board
(ARB)*

Presentation Topics

- Equipment Defects List History
- ARB Authority
- District Enforcement Authority
- ARB's Requirements
- Defect Determination Criteria
- Possible Sources of VRED List Changes
- ARB's Reasons for Current Update
- Public Requests for Additional Changes
- Next Steps

Equipment Defects History

- In 1982 California Code of Regulations (CCR), Title 17, section 94006 listed 12 vapor recovery equipment defects.
- Subsequent identification of defects are stated in separate system Executive Orders (EOs).
- In 2002 defects were consolidated into one List.

ARB Authority

California Health & Safety Code (HSC),
section 41960.2(c)(1):

The executive officer of the state board shall identify and list equipment defects in systems for the control of gasoline vapors resulting from motor vehicle operations that substantially impair the effectiveness of the systems in reducing air contaminants.

District Enforcement Authority

California HSC, section 41960.2(d):

When a district determines that a component contains a defect ..., the district shall mark the component “Out of Order.” No person shall use or permit the use of the component until the component has been repaired, replaced, or adjusted, as necessary, and the district has reinspected the component or has authorized use of the component pending reinspection.

ARB's Requirements

- Identify new equipment defects in EOs
- Conduct a public workshop at least once every three years to review whether an update of the VRED List is necessary
- Conduct a public workshop to update the VRED List when a request to do so is received and determined necessary

Defect Determination Criteria

CCR, Title 17 section 94006(a)

- The defect did not exist when the system was certified
- The excess emissions associated with the defect have the potential to degrade fueling point or system efficiency by at least five percent, and
- A field verification procedure exists to identify the defect

Possible Sources of VRED List Changes

- EOs issued or revised since the last List update
- Decertification/expiration of EOs since the last List update
- Determined from field work/inspections by district and state personnel
- Changes proposed by vapor recovery industry

ARB's Reasons for Current Update

- Additions or modifications of systems and EOs signed since the previous update
- Addition of verification procedures
- Aboveground Storage Tanks (ASTs) effective & operating dates extended
- ARB has prepared an updated VRED List for review and comments by February 11, 2011

Public Requests for Additional Changes

- Changes to or removal of existing defects
- New defects to add to the VRED List
- Changes to or removal of verification procedures
- New verification procedures

Next Steps/Questions

- Possible additional Workshops/Meetings
- Public Notice/Staff Report - May 2011
- Executive Officer Hearing upon Request
 - August 2011
- Office of Administrative Law Approval
- Changed VRED List Filed

Contact Information

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