

California Environmental Protection Agency



**Public Workshop to Discuss
Proposed Changes to the Vapor
Recovery Equipment Defect List
(VRED List)**

March 4, 2015
Sacramento, California

Important Information

- Presentation and Handouts Available at: www.arb.ca.gov/vapor/vred/vred.htm
- Emergency Exits, Evacuation, and Restrooms
- Email Comments to: merrin.wright@arb.ca.gov
- Join Vapor Recovery List Serve

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Today's Objectives

- Provide Overview of VRED List
- Review Proposed Changes
- Solicit Feedback



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ARB Authority and Requirements

- Health and Safety Code §41960.2(c)
 - Require ARB to identify and list equipment defects that substantially impair the effectiveness of the vapor recovery system in controlling motor vehicle emissions
 - Conduct a public workshop once every three years to review VRED List and update it as necessary
 - Review VRED List when a written request is submitted

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What Is a Defect?

- California Code of Regulations, Title 17, §94006 Defines a Defect as:
 - Did not exist when system certified
 - Having a verification procedure(s) to identify the defect
 - Having the potential to degrade fueling point or system efficiency by at least five percent



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Examples of Nozzle Defects



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Reasons for Updating List

- Phase II Executive Orders Signed Since 2012 Update
- Decertified or Expired Executive Orders
- Issues Discovered in the Field
- Combine All VRED Items Into One List

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How is the VRED List Used?

- Tag "Out of Order" Defective Components
- Repair, Replace, or Adjust Defective Components
- Protect Public Health



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ARB Staff Proposed Changes

- Summary of Changes (See Handout for Details)
 - Editorial changes/clarifying language
 - Nozzles that allow fuel dispensing when boot not compressed
 - VST Green Machine/HIRT Processor defects
 - Vapor return line defects added to balance Executive Orders

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VRED Items Not Affected by Update

- Aboveground Storage Tanks
 - No changes
- Bulk Plants
 - No changes

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Next Steps

- Send Comments on Proposed Changes to merrin.wright@arb.ca.gov by April 1, 2015
- Release Staff Report in August 2015
 - 45 day public comment period
- No Public Hearing is Scheduled Unless Requested
- Proposed Amendments Adopted and Published

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Contact Information

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Questions?



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