



CALIFORNIA
AIR RESOURCES BOARD

**Public Workshop to Discuss If
Updates are Needed to the Vapor
Recovery Equipment Defect List
(VRED List)**

May 14, 2019
Sacramento, California

Housekeeping

- Emergency Exits, Building Evacuation, Restrooms
- Listen Only Conference Line:
 - Phone: 1 (800) 230-1074
- Conference Call Participants – Email Comments and Questions During Presentation to: vapor@arb.ca.gov
- Presentation and Handouts Available on Vapor Recovery Webpage

Today's Objectives

- Provide Overview of VRED List
- Solicit Feedback to Determine if Updates are Necessary

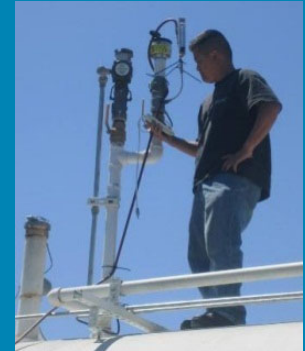


Legal Requirements

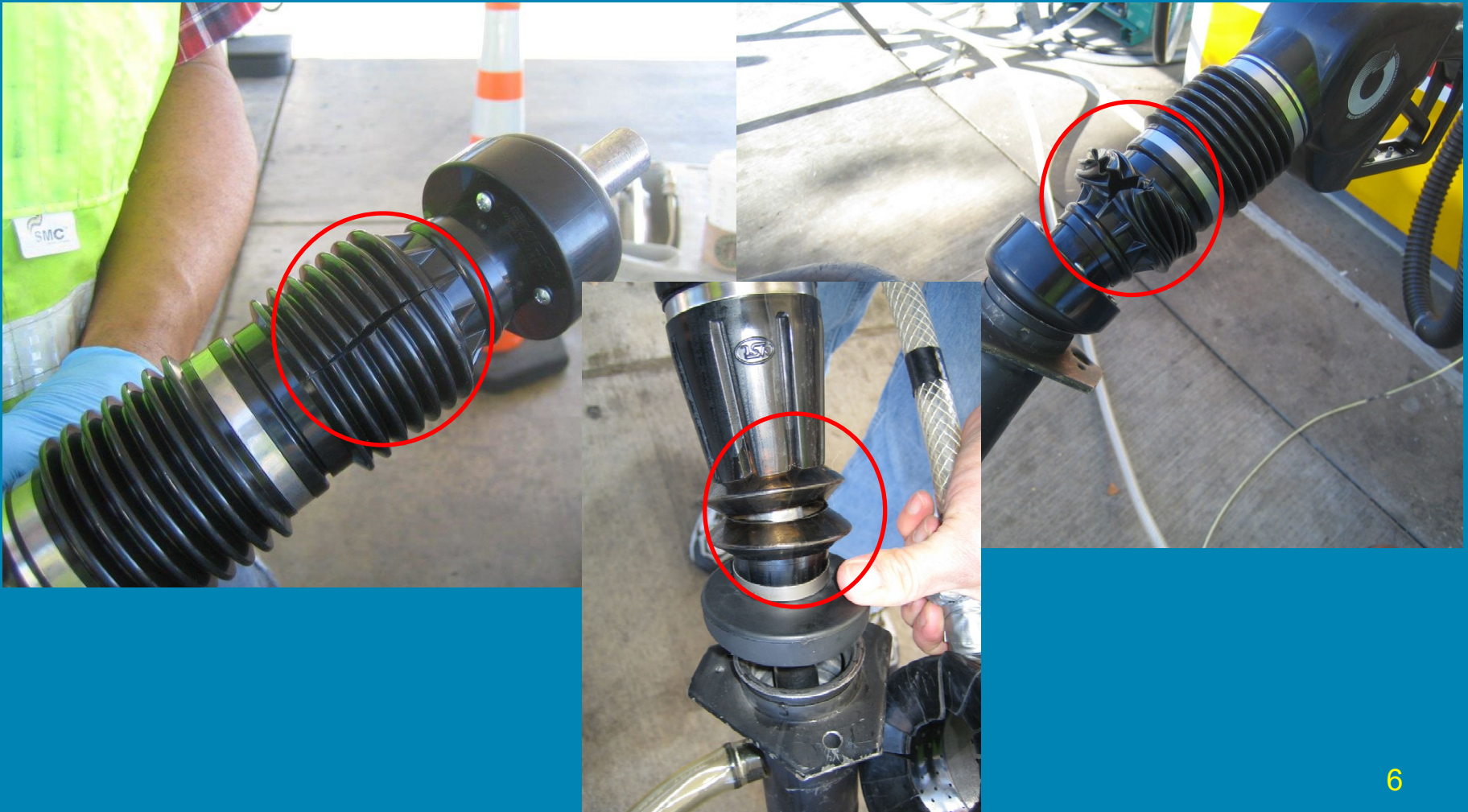
- Health and Safety Code §41960.2(c)
 - Identify and list equipment defects that substantially impair effectiveness of vapor recovery system in controlling motor vehicle emissions
 - Conduct a public workshop once every three years to review VRED List and to update as necessary
 - Review VRED List when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

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



Examples of Nozzle Defects



How is the VRED List Used?

- Air Districts Tag “Out of Order” Defective Components
- All Tagged Components Must Be Repaired, Replaced, or Adjusted
- Protect Public Health



Are Updates Necessary?

- Current VRED List
 - Last amended September 2016
 - Effective January 1, 2017
- No Changes Proposed by CARB Staff

*See Handout - Current VRED List



Next Steps

- Send Comments to vapor@arb.ca.gov by May 31, 2019
- If Updates to VRED List is Necessary:
 - Conduct second workshop to discuss proposed updates
 - Prepare and release Staff Report
 - Schedule Public Hearing, if one requested
- If Updates Not Necessary, VRED List Remains Unchanged

Contact Information

Sam Vogt

samuel.vogt@arb.ca.gov

(916) 322-8922

Merrin Wright, Manager

merrin.wright@arb.ca.gov

(916) 324-6191

Questions?

