



# MONTEREY BAY

Unified Air Pollution Control District  
serving Monterey, San Benito, and Santa Cruz counties

AIR POLLUTION CONTROL OFFICER  
Douglas Quetin

24580 Silver Cloud Court • Monterey, California 93940 • 831/647-9411 • FAX 831/647-8501

# Compliance Advisory

July 19, 2006

## Requirement to Install Enhanced Vapor Recovery (EVR) Phase II by April 1, 2009

(Applicable to Phase II Systems with Underground Storage Tanks Only)

**Phase II vapor recovery systems** control emissions associated with vehicle fueling. EVR Phase II systems are certified new standards, including Onboard Refueling Vapor Recovery (ORVR) compatibility, more stringent spillage and “dripless nozzle” requirements, in-station diagnostics (ISD), and storage tank pressure limits. The Healy EVR Phase II System Not Including ISD is currently certified under Executive Order VR-201-A. The Healy EVR Phase II With Veeder-Root ISD System is currently certified under Executive Order VR-202-A.

All new GDFs, or those undergoing Phase II major modifications, constructed after April 1, 2005, must comply with EVR Phase II requirements. **Existing facilities must upgrade to meet the EVR Phase II requirements by April 1, 2009.**

**Deadlines for ISD** installation depend on the facility gasoline throughput as shown in the following table. ISD systems are certified in conjunction with EVR Phase II systems. These systems will alert the station operator when a vapor recovery system failure occurs and will shut down dispensing if the problem is not addressed.

Gasoline Annual Throughput (gal/yr)	ISD Required for New/Modified GDFs	ISD Required for Existing GDFs
> 1.8 million	September 1, 2005	September 1, 2009
≥ 600,000 and < 1.8 million	September 1, 2006	September 1, 2010
< 600,000	NOT REQUIRED	NOT REQUIRED

Should you have questions regarding this issue, please call Tania Leisten at 831-647-9418 ext. 216. For questions about permitting, please call Jim Johnston at 831-647-9418 ext. 236.

A copy of the executive orders listed above can be obtained using CARB’s website <http://www.arb.ca.gov/vapor/eo-evrphasell.htm> or by contacting this office.

(For additional information see reversed side)

**What does this all mean?** If your GDF's annual gasoline throughput is:

- **More than 1.8 million gallons** and the status of your facility is one of the following:
  1. Healy EVR Phase II System not including ISD  
*Requirement:* have until September 1, 2009 to install ISD.
  2. Existing Phase II System  
*Requirement:* must install an EVR Phase II system with ISD at the time of modification or by April 1, 2009.
- **Between 600,000 and 1.8 million gallons** and the status of the facility is one of the following:
  1. Healy EVR Phase II System not including ISD  
*Requirement:* have until September 1, 2010 to install ISD.
  2. Existing Phase II Systems where EVR Phase II will be installed **by** September 1, 2006  
*Requirement:* have until September 1, 2010 to install ISD.
  3. Existing Phase II Systems where EVR Phase II will be installed **after** September 1, 2006  
*Requirement:* must install an EVR Phase II system with ISD at the time of modification or by April 1, 2009.
- **Less than 600,000 gallons** and the status of the facility is one of the following:
  1. Healy EVR Phase II System installed  
*Requirement:* ISD is not required.
  2. Existing Phase II System  
*Requirement:* install an EVR Phase II system not including ISD at the time of modification or by April 1, 2009.

**Major Modification definition:** A major modification is any construction or renovation that results in the addition, replacement, or removal of 50% or more of the buried vapor piping. Also, if 50% or more of a facility's dispensers are replaced, or the number of dispensers is increased by 50% or more, all dispensers (existing and new) must be replaced with unihose dispenser configurations, and the vapor control equipment must be upgraded to a State-certified EVR Phase II system. The unihose dispenser requirement does not apply to identical replacements of existing dispensers due to damage from an accident or vandalism.

**Permit Requirements:** Before beginning an EVR Phase II upgrade you must apply for, and receive, an Authority to Construct (ATC) from the District prior to installation. For a Gasoline Dispensing Facility ATC application form, please call ☎ Jim Johnston at the Air District office at 831-647-9418 ext. 236 or go to <http://www.mbuapcd.org>.

**If you have any further needs, please call the District at the following numbers:**

- ☎ For permit assistance or Authority to Construct application forms please call Jim Johnston in the Engineering Division at 831-647-9418 ext. 236
- ☎ For further questions on the District's GDF vapor recovery program please call Tania Leisten in the Compliance Division at 831-647-9418 ext. 216
- 🖨 Information regarding EVR and related timelines can also be obtained on ARB's web page: <http://www.arb.ca.gov/vapor/vapor.htm>.