



COMPLIANCE ADVISORY

Phase II Enhanced Vapor Recovery (EVR)

January 2, 2008

ATTENTION UNDERGROUND GASOLINE STORAGE TANK OWNERS/OPERATORS:

BACKGROUND: The California Air Resources Board (CARB) is the agency that oversees gasoline vapor recovery equipment certification throughout the state. In 2001, CARB adopted a group of regulations called Enhanced Vapor Recovery (EVR). These regulations were adopted based on the need for more robust and reliable equipment to protect human health from the harmful affects of gasoline vapors. The Yolo-Solano Air Quality Management District is the local agency responsible for implementing and enforcing the CARB EVR regulations. These particular EVR regulations discussed in this advisory do not apply to aboveground gasoline storage tanks.

The Yolo-Solano Air Quality Management District is issuing a compliance advisory affecting gasoline dispensing facilities with one or more underground storage tanks (USTs):

1. **CARB certified Phase II EVR gasoline dispensing equipment shall be installed at ALL gasoline dispensing facilities with one or more USTs by April 1, 2009.**
2. **CARB certified Phase II EVR gasoline dispensing equipment is required to be installed upon modification at any existing gasoline dispensing facility with one or more USTs that:**
 - a. **Adds, replaces, or removes 50 percent or more of their buried gasoline vapor piping; and/or**
 - b. **Replaces gasoline dispensers.**

Please be aware of the following when planning a Phase II EVR upgrade for your facility:

- ▶ **Phase II EVR equipment must be certified by CARB.** Currently, there are three (3) CARB certified Phase II EVR systems: (1) Healy with Clean Air Separator [CARB Executive Order VR-201], (2) Healy with Clean Air Separator and In-Station Diagnostics [CARB Executive Order VR-202], and (3) VST with Membrane Processor [CARB Executive Order VR-203]. For an up-to-date listing of CARB certified Phase II EVR systems, please visit <http://www.arb.ca.gov/vapor/eo-evrphaseii.htm>.
- ▶ Facilities must apply for and obtain an **Authority to Construct (ATC)** permit from the Yolo-Solano AQMD (and any permits that may be required by other agencies) prior to installing Phase II EVR equipment. After installation, the facility must complete performance testing to verify proper operation of the equipment.
- ▶ **Owners/operators should begin the ATC permit application process as soon as possible.** Phase II EVR equipment availability and installation will vary widely, depending on which type of system is currently installed at your facility and which CARB certified system you choose to install. There can be extensive lead times associated with the installation of this equipment.
- ▶ **Make sure your contractor has proper training and certification from the Phase II EVR system manufacturer.** There are many contractors available to perform your Phase II EVR upgrade. However, using a contractor not trained and certified by the system manufacturer may void your warranty.
- ▶ Failure to comply with the **April 1, 2009** Phase II EVR deadline will result in District enforcement action.

For more information about CARB EVR regulations, please visit CARB's website at <http://www.arb.ca.gov/vapor/vapor.htm>. If you have any questions regarding this advisory, please contact Gary Ma at (530) 757-3671 or toll-free in the (530), (916), and (707) area codes at (800) 287-3650.