Enhanced Vapor Recovery and In-Station Diagnostic Systems

All gasoline dispensing or fueling operations with underground storage tanks must have both of these pieces of equipment by the deadlines listed below:

- Phase II Enhanced Vapor Recovery (EVR) equipment
- In-Station Diagnostic (ISD) monitoring system

If your current equipment is not a Healy Phase II EVR system (ARB Executive Order VR-201 or 202), it will need to be upgraded.

The deadlines for completing the necessary upgrades are as follow:

**Phase II EVR equipment upgrades (regardless of annual throughput):**
- **April 1, 2009**

**ISD installations**
- **Facilities with annual throughputs greater than 1,800,000 gallons per year:** September 1, 2009
- **Facilities with annual throughputs between 600,000 and 1,800,000 gallons/year:** September 1, 2010
- **Facilities with throughputs less than 600,000 gallons per year are currently exempt from the ISD installations requirement.**

### Enhanced Vapor Recovery (EVR) prevents the escape of smog-forming gasoline vapors

Vapor recovery systems collect gasoline vapors during bulk fuel delivery (Phase I) or vehicle fueling (Phase II). These vapors are a major culprit in the formation of smog and pose major health risks to the community.

The EVR program adopted by the California Air Resources Board (ARB) in March 2000 provides strict requirements for vapor recovery systems to prevent gasoline vapors from escaping into the air.

### The In-Station Diagnostic (ISD) system monitors performance

ISD monitors the performance of the vapor recovery systems and triggers alarms when failures occur. If the problem is not corrected, the ISD may lead to station shut-down.

### List of certified equipment available on ARB website

The California ARB website (shown at the end of this pamphlet) lists the certified equipment. Because the certification process involves a six-month testing period, there is no guarantee that there will be any new certified equipment available in time to be installed by the April 2009 deadline. We recommend that you select your equipment now.

Act now to avoid extra costs and penalties!

Start planning now. Early preparation could save you money and give you better installation scheduling options. Waiting until the last minute could cost you more in installation costs, loss of business, and unexpected fines and penalties. It will be illegal to operate any vehicle fueling system without the required Phase II EVR after April 1, 2009. Act now to avoid loss of revenues.

Allow plenty of time to get the needed permits before starting

You must get a permit from the South Coast Air Quality Management District, as well as other appropriate governmental agencies (such as City Planning Department and Fire Department), before starting construction or modifications of your facility.

The large numbers of gas station owners and operators applying for permits will put an unusually high demand on these agencies. This will add to the time it takes for you to get your permits. Plan for this extra time and start the process as soon as possible.

For help with AQMD permit applications, Contact:

Randy Matsuyama
South Coast Air Quality Management District
(909) 396-2551
or
Small Business Assistance Hotline
(800) 388-2121

Use only certified contractors

Only contractors/installers who are certified both by the equipment manufacturer and by the International Code Council (ICC) as approved vapor recovery installers are allowed to perform system installations and repairs. Ask for proof of these certifications before hiring a contractor.

For more information

The California Air Resources Board website has detailed information on the EVR and ISD requirements:

http://www.arb.ca.gov/vapor/vapor.htm
http://www.arb.ca.gov/vapor/eo-evrphaseII.htm

South Coast
Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765-4182
www.aqmd.gov
Attention All Gasoline Dispensing Facilities

RULE 461
ADVISORY 02-07

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