

**Now is the Time to Plan for
EVR Upgrades...**

**Gasoline Dispensing Facilities (GDFs)
with underground storage tanks
subject to Phase II vapor recovery
requirements will need to upgrade to
Enhanced Vapor Recovery (EVR) by ...**

APRIL 1, 2009



**How do I know if my GDF is subject
to EVR?**

If your GDF has a Phase II vapor recovery system and an underground storage tank, then it will probably need to be upgraded. GDFs in air districts that are in attainment with the state ozone standard may be exempt from EVR. Check with your local air district to verify if EVR applies to you and to find about other local vapor recovery requirements.

**Are new installations subject to EVR
now?**

Yes. New GDFs, even in ozone attainment air districts, must install EVR systems.

**Could my existing GDF be subject to
EVR requirements before April 2009?**

Yes. Changes to a GDF that qualify as a "major modification" can require immediate upgrades or changes prompted by other agencies, such as the local water quality control agency. Contact your local air district before initiating site changes.



**California Air Resources Board
Vapor Recovery Program
Monitoring and Laboratory Division
P.O. Box 2815
Sacramento, CA 95812
(916) 327-0900**

**For more information go to:
<http://www.evrhome.org/> and
<http://www.arb.ca.gov/vapor/vapor.htm>**

**For links to local air pollution
control districts go to:
<http://www.arb.ca.gov/html/links.htm>**

For information in alternative formats:
(916) 323-4916 (voice, ARB ADA Coordinator)
(916) 324-9531 (TDD, Sacramento area only)
(800) 700-8326 (TDD, outside of Sacramento)

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**State of California
Air Resources Board**

**ENHANCED VAPOR
RECOVERY PROGRAM**

**What Gasoline Dispensing
Facilities, Local Permitting
Agencies and Contractors
Need to Know about...**

**Enhanced Vapor Recovery
(EVR) and the
APRIL 2009 Phase II
DEADLINE**

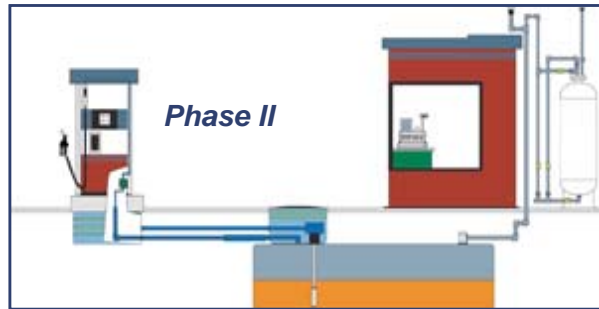


VST Membrane Processor

**Monitoring and Laboratory Division
www.arb.ca.gov/vapor/vapor.htm
(916) 327-0900
November 2007**

What is Enhanced Vapor Recovery (EVR)?

Vapor recovery systems collect gasoline vapors that would otherwise escape into the atmosphere during bulk fuel delivery (Phase I) or vehicle refueling (Phase II). These vapors are a major culprit in the formation of smog.



The EVR program provides more stringent requirements for vapor recovery systems in order to reduce gasoline vapor emissions. Some EVR requirements, such as the installation of EVR Phase I systems and upgrades to make Phase II systems compatible with new vehicles, have already been accomplished. The next deadline requires additional Phase II equipment, including vapor processors, by April 1, 2009.

The final EVR deadlines relate to in-station diagnostics, or ISD. ISD monitors the performance of the vapor recovery systems and triggers alarms when failures occur. If corrective action is not taken, ISD may lead to station shut-down.

Annual Throughput (gal)	ISD Requirement
More than 1.8 million	Install ISD by Sept. 2009
Less than 1.8 million but more than 600,000	Install ISD by Sept. 2010
Less than 600,000	Exempt from ISD

For Gasoline Dispensing Facilities:

How do I find out what EVR systems are available?

After conducting extensive field testing, ARB certifies vapor recovery systems by issuing an Executive Order. Executive Orders for EVR Phase II systems, both with and without ISD, are available at:

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

Will other EVR Phase II systems be certified before the April 2009 deadline?

ARB staff continues to evaluate applications and conduct certification tests, but it generally takes about one year to complete the certification process. It is recommended that stations plan now for EVR upgrades in order to avoid possible delays and to ensure compliance by April 2009.

Who will be enforcing the EVR deadlines?

Local air districts are responsible for enforcing compliance deadlines for Enhanced Vapor Recovery.

Is my service station in compliance?

Check with your local air district to make sure your station meets all federal, state, and local requirements related to vapor recovery.

How can I stay informed on EVR activities?

ARB and local air districts offer public information meetings on EVR and ISD throughout the state. Check ARB's website for more information on upcoming outreach activities.

For Contractors:

What are the requirements for Contractors?

Contractors who install EVR systems must be trained and certified by the manufacturer. Also, some air districts require district training or International Code Council (ICC) certification as an approved vapor recovery installer. Contractors should verify training and certification requirements with air district staff before beginning installation of EVR systems.

In the next 16 months, about 13,000 GDFs will need to obtain permits, purchase EVR equipment and arrange for installation by a certified contractor. There is a potential shortage of certified contractors if GDF operators wait too long to install EVR systems.

For Local Permitting Agencies:

California service stations obtain construction and operation permits from the local air district. Installation of vapor recovery equipment may also trigger reviews from other local permitting agencies. This will create excess demand for assistance from:

- **Local Water Quality Agencies**
- **Local Cities and Counties**
- **Local Planning Commissions**
- **Local Fire Districts**
- **and Certified Contractors**

For help in gathering information for EVR permits, visit www.evrhome.org.

For California Air Districts: <http://www.arb.ca.gov/html/links.htm>

For Vapor Recovery Executive Orders: <http://www.arb.ca.gov/vapor/eo.htm>

For Permitting Assistance: <http://www.evrhome.org>

For ARB Vapor Recovery Advisory #359-EVR Deadline: <http://www.arb.ca.gov/vapor/advisories/adv359.pdf>