

Enhanced Vapor Recovery (EVR) for Aboveground Storage Tanks (AST)

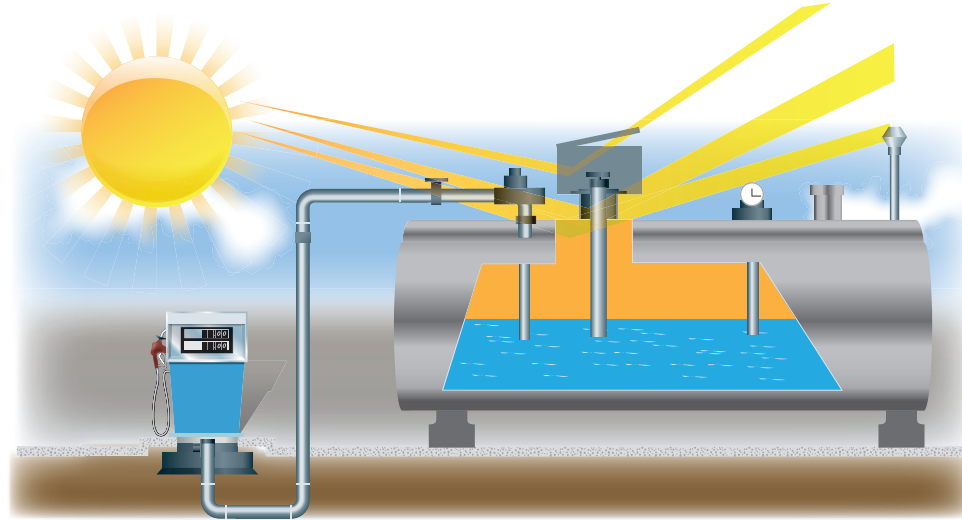
In 2008, California Air Resources Board (ARB) adopted new vapor recovery system performance standards for aboveground gasoline storage tanks. These standards are known as Enhanced Vapor Recovery or EVR. The program is expected to reduce hydrocarbon air contaminants by 2 tons per year when fully implemented.

Under EVR, ARB certifies equipment that meets the standards and provided four years for upgrading existing equipment. The program is divided into four separate modules. The following two modules have equipment that has been certified and are required:

- **Standing Loss Control (SLC)**
- **Phase I EVR**

When Phase I EVR is installed in combination with SLC, it achieves a 98% efficiency for vapor recovery.

South Coast Air Quality Management District (SCAQMD) is the local air pollution control agency responsible for enforcing EVR requirements.



STANDING LOSS CONTROL (SLC)

COMPLIANCE DATE: APRIL 1, 2013

Standing losses are emissions resulting from internal tank pressure increases as a result of daily temperature changes. These emissions escape through open vent pipes and leaks in the tank. SLC reduces emissions due to daily temperature changes by use of:

- New certified protected ASTs with Pressure/Vacuum (P/V) Valve, OR
- Certified reflective coatings on uncertified/unprotected AST AND P/V Valve. Only two coating systems are approved for application on existing ASTs in SCAQMD:
 - ▶ Ponderosa Paint Company, Inc.
 - ▶ Jones-Blair Paint Company

PHASE I EVR

COMPLIANCE DATE: JULY 1, 2014

Phase I EVR captures displaced gasoline vapor from the AST, which would otherwise be released to the atmosphere, during the transfer of gasoline from the cargo tank to the AST.

INFORMATIONAL SESSIONS

Four sessions are planned in the SCAQMD to provide you with more detailed information about the EVR Program, applicable requirements, compliance options and deadlines, and implementation procedures. We recommend you attend one of the following meetings:

November 6, 2013 9:00 am

South Coast Air Quality Management District
Headquarters, Auditorium
21865 E. Copley Drive, Diamond Bar, CA 91765

November 6, 2013 2:00 pm

Rialto City Hall
150 S. Palm Avenue, Rialto, CA 92376

November 7, 2013 9:00 am

College of the Desert, Mecca Thermal Campus
61-120 Buchanan Street
Mecca, CA 92254

November 7, 2013 2:00 pm

Menifee City Hall
29714 Haun Road, Menifee, CA 92586

Allow plenty of time to get the needed permits before starting

You must obtain a permit from the SCAQMD, as well as other appropriate governmental agencies (such as City Planning and Fire Departments), before starting construction or modifications to your AST.

The large number of AST 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 obtain your permits. Plan for the extra time and start the process as soon as possible.

For help with SCAQMD permit applications contact:

Randy Matsuyama: (909) 396-2551
Small Business Assistance Hotline:
(800) 388-2121

Use only certified contractors

System installations and repairs may only be conducted by contractors/installers who are certified both by the International Code Council (ICC) and the manufacturers as approved vapor recovery installers. Ask for proof of these certifications before hiring a contractor.

<http://www.arb.ca.gov/vapor/eo-astslc.htm>
<http://www.arb.ca.gov/vapor/eo-astphasei.htm>
<http://www.arb.ca.gov/vapor/faq.htm>



**South Coast
Air Quality
Management District**
21865 Copley Drive
Diamond Bar, CA 91765-4178
www.aqmd.gov



This notice informs you about requirements applicable to gasoline aboveground storage tanks (AST) located within South Coast Air Quality Management District



**South Coast
Air Quality
Management District**

21865 Copley Drive
Diamond Bar, CA 91765-4178



ADDRESS SERVICE REQUESTED



South Coast
Air Quality
Management District



ADVISORY

#03-13 to:

**Operators of Gasoline
Dispensing Facilities
with Aboveground
Storage Tanks (AST)**

