

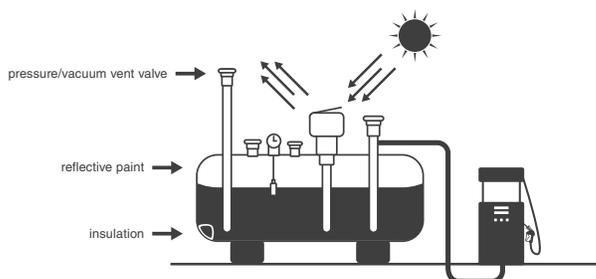
REGULATORY ADVISORY

Aboveground Storage Tanks

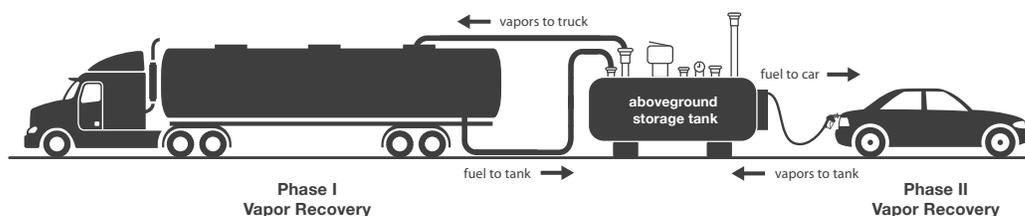
What is Aboveground Storage Tank (AST) Enhanced Vapor Recovery (EVR)?

The California Air Resources Board has adopted a program to control vapor emissions from ASTs that store gasoline and are located in ozone non-attainment areas. AST owners/operators are required to install equipment to reduce gasoline vapors emitted from vent valves on ASTs as a result of changes in outdoor temperatures and exposure to sunlight (a control measure known as Standing Loss Control or SLC), as well as vapors emitted during the transfer of gasoline from the cargo tanker to the AST (Phase I) and from the AST to the motor vehicle (Phase II).

Standing Loss Control



Phase I and Phase II Vapor Recovery



Why was the AST EVR Regulatory Advisory issued?

Current vapor recovery rules require that all ASTs in areas that are not in attainment with state ozone standards must meet SLC requirements by July 1, 2013, and all existing ASTs must install new vapor control equipment (a Phase I EVR system) by July 1, 2014. ARB staff has determined that, for certain smaller ASTs, a Phase I EVR system may not be necessary or cost effective. In November 2014, ARB staff will present the Board with proposed amendments to the current AST EVR rules with the goal of improving cost-effectiveness of the regulation while retaining necessary emission reductions. The advisory is an interim measure intended to prevent AST owners/operators from unnecessarily installing Phase I EVR systems when it may not be required under a final November 2014 AST EVR rule amendment.

Who will be affected by the AST EVR Regulatory Advisory?

The Regulatory Advisory has been tailored to maximize emission reductions where they are most needed, and to provide relief in areas of the state where the need for additional emission reductions is not as critical. The Regulatory Advisory provides relief for ASTs located in areas of California that are in attainment with federal, but not state, ozone standards. It also provides relief for certain ASTs that dispense only a limited amount of gasoline each year and are in rural areas or areas that suffer from only marginal ozone non-attainment. AST operators can refer to the 9-step process in the Regulatory Advisory to determine whether relief is provided for their AST.

What impact will the AST EVR Regulatory Advisory have on regional air quality?

Overall, more than 99% of the emissions reductions that are projected to be achieved in non-attainment areas under current EVR requirements will be retained under the Regulatory Advisory. ARB is working with districts to identify cost-effective offsets that could be used to make up the remaining ~1% of projected emissions reductions that would be lost under the Regulatory Advisory (approximately 0.01 tons per day statewide). The current AST EVR program is projected to reduce emissions by about 2 tons per day statewide. SLC accounts for 89% of those projected reductions and Phase I EVR accounts for 5.5%. The Regulatory Advisory proposes no change to SLC requirements in non-attainment areas, and it will retain about 94% of the projected emission reductions from Phase I EVR.

What impact will the AST EVR Regulatory Advisory have on near-source risk?

AST facilities are generally located in remote areas, away from population centers. This helps to minimize the near-source exposure risk they pose to public health. In addition, the Regulatory Advisory includes a provision that there will be no relaxation of requirements for ASTs located near more populated places such as schools, health care facilities and residences.

What are the benefits of the AST EVR Regulatory Advisory?

The Regulatory Advisory will result in a significant savings for thousands of AST owners who will not be required to install Phase I EVR systems. Preliminary ARB staff estimates show the savings to be an average of approximately \$750 per year for each affected tank. These savings would apply to just more than half of all of California's ASTs.

What are the next steps in the AST EVR regulatory process?

ARB staff will work with local air districts and interested parties to refine emissions and cost estimates, and to develop final proposed rule amendments to be presented to the Board in November 2014. Public workshops will be scheduled, and there will be other opportunities for interested parties to provide input throughout the process.

What happens if the final rule amendment differs from the terms of the AST EVR Regulatory Advisory?

AST owners/operators will be required to comply with the final rule amendment. In the event an amended regulation differs from terms laid out in the Regulatory Advisory, the final rule would specify additional time for affected ASTs to come into compliance.

For More Information

For further information about ARB's Enhanced Vapor Recovery program for aboveground gasoline storage tanks, visit www.arb.ca.gov/vapor/vapor.htm or call 916-327-0900.

To obtain this document in an alternative format or language please contact the ARB's Helpline at (800) 242-4450 or at helpline@arb.ca.gov. TTY/TDD/ Speech to Speech users may dial 711 for the California Relay Service.