



Compliance Assistance
ADVISORY

**SUBJECT: Onboard Refueling Vapor
Recovery Installation Deadline**

ADVISORY #05-04

June 1, 2005

**IMPORTANT INFORMATION FOR OWNERS AND OPERATORS
OF GASOLINE DISPENSING EQUIPMENT**

The purpose of this advisory is to alert owners and operators of Gasoline Dispensing Facilities (GDFs) of the deadline for installing Onboard Refueling Vapor Recovery (ORVR) compatible Phase II systems. The February 9, 2005 amendments to the California Air Resources Board (ARB) vapor recovery regulations affected ORVR compatible equipment.

After April 1, 2003, new GDFs and GDFs undergoing major modifications must install an ARB certified Phase II vapor recovery system compatible with ORVR systems. ORVR systems were introduced in 1998 model motor vehicles and now are required on most new cars and light-duty trucks. Phase II systems currently certified as ORVR compatible are provided below.

Phase II System	CARB Executive Order & Approval Letters	Method of Achieving ORVR Compatibility
Healy	G-70-191 VR-201-A	Nozzle senses ORVR vehicles and turns off assist vapor pump
Balance	G-70-52 Letter 03-04	No vapor pump, so no forced air ingestion into underground tank
Hirt	G-70-177-AA Letter 03-06	Vapor processor maintains negative pressure
Gilbarco VaporVac/OPW Vaporsaver	G-70-204	Membrane processor maintains negative pressure

Under recent amendments, existing GDFs must have ORVR compatible Phase II systems according to the schedule below:

Station Annual Throughput (gal/year) (2003 Calendar Year)	ORVR Compatible System Installation Deadlines
Greater than 2 million	September 1, 2005
1 million to 2 million	January 1, 2006
Less than 1 million	March 1, 2006

(See reverse side)

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Existing GDFs must upgrade to an ORVR compatible system or a full EVR system by the ORVR compatibility deadline, or they will be prohibited from dispensing gasoline until their facility is upgraded. The 2003 calendar year throughput shall be used for calculating station annual throughput for the ORVR compatibility schedule.

WHAT YOU SHOULD DO:

- Review your facility's Permit to Operate to determine the type of Phase II system at your facility. If your present Phase II vapor recovery system is not one of the systems certified by ARB as ORVR compatible, it must be replaced with an ARB-certified Phase II vapor recovery system meeting the ORVR compatibility requirements.
- Review your records of gasoline sales in 2003 to determine your compliance deadline.
- **Submit an Authority to Construct (ATC) application as soon as possible in order to comply with your specific deadline.** You are required to obtain an ATC from the Sacramento Metropolitan Air Quality Management District (SMAQMD) prior to upgrading your vapor recovery system.
- **Install a Phase II ORVR certified Phase II vapor recovery system before your specific deadline.**

A copy of the executive orders listed above can be obtained using ARB's website <http://www.arb.ca.gov/vapor/eo-ORVR.htm> or by contacting this office.

If you have questions about information presented in this advisory, you may call the SMAQMD's Compliance Assistance Hotline at (916) 874-4884. For questions relating specifically to applying for an ATC, please call Isam Boulad at (916) 874-4800.