



*This Advisory is provided to inform you about activities of the District which may affect your operation. It will assist you in your effort to achieve and maintain compliance with applicable air pollution rules and regulations.*

**ATTENTION: OPERATORS OF UNDERGROUND GASOLINE TANKS AT GASOLINE DISPENSING FACILITIES (GDF'S)**

**SUBJECT: IMPENDING ORVR COMPATIBILITY DEADLINES!**

**Onboard Refueling Vapor Recovery (ORVR)** is a vehicle emission control system that captures fuel vapors from the vehicle gas tank during refueling. Vehicular ORVR systems were introduced in 1998 and are required on most new cars and light-duty trucks. GDF's that are not compatible with vehicles equipped with ORVR have higher gasoline vapor emissions that cause air pollution.

Since April 1, 2003, all new and significantly modified GDF's statewide have been required to be equipped with ORVR compatible systems. However, our District has prohibited the installation of vacuum assist systems that were not ORVR compatible since June 1, 2000.

Now **all existing GDF's** must be equipped with ORVR compatible systems in accordance with the tables set out below.

**Is your station ORVR Compatible?** The following Phase II vapor recovery systems are currently certified as ORVR compatible.

Phase II System	CARB Executive Order and Approval Letters	Method of Achieving ORVR Compatibility
Healy W/ Healy 800 or 900 nozzles	G-70-191 VR-201-A	Nozzle senses ORVR vehicles and shuts off vapor assist pump
Balance	G-70-52 Letter 03-04	System does not have a vapor pump, so no forced air is ingested into UST
Hirt VCS 400-7 system	G-70-177-AA Letter 03-06 (only 8 unihose or multiproduct fueling points allowed)	Vapor processor maintains negative pressure
Gilbarco VaporVac/ OPW Vaporsaver	G-70-204	Membrane processor maintains negative pressure

(Over)

Your Phase II vapor recovery system will be printed in your Permit to Operate. If your station **does not have** one of the Phase II systems listed on the preceding table, you need to take action now! For example, if your permit says Dresser-Wayne WayneVac or Hasstech vacuum assist you'll need to upgrade. If it says Hirt, verify that you have the VCS 400-7 system because older Hirt systems are not ORVR compatible. A Gilbarco/Marconi vapor vacuum assist system is ORVR compatible only if it has a VaporSaver processor. Remember, if your system specified on your permit does not match up with the ORVR compatible systems listed on the table then you must upgrade!

**ORVR Compatibility Deadlines:** Depending on your **2003 calendar year** throughput, your station must be ORVR compatible by the following deadlines.





Annual Throughput (gallons/year)	ORVR Compatible System Installation Deadlines
> 2 million	September 1, 2005
1 million to 2 million	January 1, 2006
<1 million	March 1, 2006

Don't wait! Systems that are not ORVR compatible generate higher emissions. This means you're losing product to evaporation, which will cost you lost profits!

**Permit Requirements:** Before beginning an ORVR compatibility upgrade you must apply for, and receive, an Authority to Construct from the District prior to installation. For a Gasoline Service Station permit application form (G101) please contact the Engineering Division at (415) 749-4990 or go to <http://www.baaqmd.gov/pmt/forms/index.htm>

**Enhanced Vapor Recovery Regulations (EVR):** ORVR Compatibility is one component of the California Air Resources Board's EVR Program. This program has been developed to help improve vapor recovery equipment and reduce emissions from gas stations. These regulations are being phased in according to the EVR timeline found at [http://www.arb.ca.gov/vapor/evrtime\\_jul05.pdf](http://www.arb.ca.gov/vapor/evrtime_jul05.pdf).

**If you have any further needs, please call the District at the following numbers:**

-  For permit assistance or Authority to Construct application forms, call (415) 749-4990, Engineering Division.
-  For compliance assistance, call (415) 749-4999, the Compliance Counselor Hotline.
-  For a variance application packet, call (415) 749-4965, the Clerk of the Boards.
-  For further questions on the District's GDF vapor recovery program please call Ruth Argueta, Air Quality Technician at (415) 749-4778 or [rargueta@baaqmd.gov](mailto:rargueta@baaqmd.gov)

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