



MONTEREY BAY

Unified Air Pollution Control District
serving Monterey, San Benito, and Santa Cruz counties

AIR POLLUTION CONTROL OFFICER
Ed Kendig, Interim

24580 Silver Cloud Court • Monterey, California 93940 • 831/647-9411 • FAX 831/647-8501

Compliance Advisory

December 11, 2008

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

ATTENTION: OWNER/OPERATORS OF **NON-RETAIL GASOLINE STATIONS WITH UNDERGROUND STORAGE TANKS**

SUBJECT: ENHANCED VAPOR RECOVERY (EVR) PHASE II UPGRADE REQUIRED

TAKE ACTION NOW!

Deadline: April 1, 2009

State regulations require GDF owners and operators to upgrade their vapor recovery systems to help reduce air pollution. The upgrade must be an EVR Phase II certified system that will include new nozzles and a new vapor processor. Note: These equipment upgrades are in addition to those you may have already completed (e.g., the Phase I and Onboard Refueling Vapor Recovery (ORVR) compatibility upgrades).

TO MEET THIS DEADLINE YOU WILL NEED TO:

- Determine the Phase II EVR requirements for your facility;*
- Obtain Air District and other necessary permits (e.g., City Building and Planning, Fire, and/or Environmental Health Department (CUPA) permits);
- Purchase EVR Phase II equipment; and
- Install and test equipment using a certified contractor by the deadline.

This process takes several months or more! Delaying can result in difficulty obtaining the necessary equipment and a certified contractor. Start now to avoid unnecessary delays and to meet the deadline. An EVR Phase II system GDF upgrade checklist is attached to help you plan and monitor your work.

YOU BENEFIT BY ACTING NOW BECAUSE YOU:

- Save money – Costs are expected to rise as the deadline approaches.
- Help keep gasoline in your tanks, which saves dollars and helps reduce air pollution. The vapor recovery systems reduce gasoline vapor emissions, which leads to gasoline savings.
- Avoid scheduling conflicts and a shortage of available certified contractors.
- Assure adequate time to obtain necessary permits and to install and test the new equipment.
- Prevent Notices of Violation and potential loss of use for being late (uncertified equipment may be tagged out-of-order to prevent use of non-complying equipment).

*PHASE II EXEMPTION: If 90% or more of the gasoline fueling facility's fleet are composed of vehicles that have internal or "on-board" vapor recovery system, than Phase II vapor recovery may not be required. On-board Refueling Vapor Recovery (ORVR) equipped vehicles are late model vehicles but the manufacture date can vary by vehicle type. This exemption has been granted for exclusively fueling newer fleets such as those found at car rental agencies, some private companies, and some city and county public agencies. Call ☎ Lance Ericksen, Engineering Manager, at 831-647-9418 ext. 208.

OVER

CURRENTLY CERTIFIED EVR PHASE II SYSTEMS

To help you determine which State-certified EVR Phase II system is appropriate for your GDF, view the latest list of State-certified EVR Phase II systems on the California Air Resources Board (ARB) webpage at:

<http://www.arb.ca.gov/vapor/eo-evrphaseII.htm>

VR-201	<u>Healy Phase II EVR System</u>
VR-202	<u>Healy Phase II EVR System Including ISD System</u>
VR-203	<u>VST Phase II EVR System</u> <ul style="list-style-type: none">• ECS Membrane Processor, or• Veeder Root Vapor Filter
VR-204	<u>VST Phase II EVR System Including ISD System</u> <ul style="list-style-type: none">• ECS Membrane Processor, or• Veeder Root Vapor Filter

Call ARB at (916) 327-0900 if you are unable to view the webpage or need further information.

IN-STATION DIAGNOSTICS (ISD)

You must also install an ISD system if your station has a gasoline throughput of 600,000 gallons or greater per year. ISD systems monitor the performance of the vapor recovery system and provide warnings when there are problems. An ISD system will turn off fueling operations if no corrective action is taken to fix the problem.

You may save money by installing an ISD system when you install the Phase II EVR upgrade. The deadlines to install ISD system upgrades are as follows:

ISD Deadline	Gasoline Throughput (Gallons per year)
September 1, 2009	>1.8 million
September 1, 2010	>600,000 and ≤1.8 million

CONTRACTOR TRAINING/CERTIFICATION REQUIREMENTS

You must have a certified contractor install the EVR Phase II system in order to comply with the State requirements. Contractors must be trained and certified by the equipment manufacturer. Be sure to verify that your chosen contractor is certified to install and test the system you plan to install.

PERMIT REQUIREMENTS

Before beginning an EVR Phase II upgrade you must apply for, and receive, an Authority to Construct (ATC) from the District prior to installation. For a Gasoline Dispensing Facility ATC application form, please call ☎ Jim Johnston at the Air District office at 831-647-9418 ext. 236 or visit <http://www.mbuapcd.org>.

More Information can be obtained from the following sources:

- ☎ For permit assistance or Authority to Construct application forms, please call Jim Johnston in the Engineering Division at 831-647-9418 ext. 236
- ☎ For further questions on the District's GDF vapor recovery program please call Gene Mason in the Compliance Division at 831-647-9418 ext. 216
- 📄 Detailed information on the Vapor Recovery program can be found at the Air Resources Board vapor recovery web page: <http://www.arb.ca.gov/vapor/vapor.htm>, or contact the ARB Engineering and Certification Branch at (916) 327-0900

Attachment

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PHASE II ENHANCED VAPOR RECOVERY GUIDANCE CHECKLIST (DEADLINE: APRIL 1, 2009)

Phase	Action Items	✓	Date Completed
CHOOSE SYSTEM: <ul style="list-style-type: none"> • PHASE II EVR SYSTEM • ISD SYSTEM 	EVALUATE OPTIONS AND SELECT: <ul style="list-style-type: none"> • HEALY PHASE II <ul style="list-style-type: none"> i. Without ISD ii. With FFS INCON ISD iii. With Veeder-Root ISD • VST <ul style="list-style-type: none"> i. Without ISD ii. With Veeder-Root ISD 		
SELECT CERTIFIED CONTRACTOR(S): <ul style="list-style-type: none"> • CONTRACTORS <ul style="list-style-type: none"> ➢ PERMITTING ➢ INSTALLING ➢ TESTING 	CONFIRM EACH CONTRACTOR'S CERTIFICATION: <ol style="list-style-type: none"> 1. PHASE II EVR MANUFACTURER CERTIFICATION 2. ISD SYSTEM MANUFACTURER CERTIFICATION SELECT ALL NECESSARY CONTRACTORS		
OBTAIN PERMITS: SUBMIT PERMIT APPLICATION(S); OBTAIN PERMITS	MBUAPCD: <ul style="list-style-type: none"> ➢ SUBMIT PERMIT APPLICATION ➢ OBTAIN AUTHORITY TO CONSTRUCT OTHER APPROVAL AGENCIES: <ul style="list-style-type: none"> ➢ IDENTIFY ALL REQUIRED PERMITS <ol style="list-style-type: none"> 1. CUPA/FIRE/ENVN.HEALTH 2. CITY BUILDING 3. CITY PLANNING ➢ SUBMIT APPLICATIONS ➢ OBTAIN PERMITS/APPROVALS 		
EXPLORE FINANCING: ALTERNATIVES For financing options visit http://www.evrhome.org/finance.htm	<ol style="list-style-type: none"> 1. RUST program 2. _____ 3. _____ 		
SUBMIT NOTIFICATIONS (I): <ul style="list-style-type: none"> • START-UP AND PERFORMANCE TESTS • CONDUCT PERFORMANCE TESTING • SUBMIT RESULTS 	MBUAPCD		
SUBMIT NOTIFICATIONS (II): <ul style="list-style-type: none"> • MEET OTHER AGENCY REQUIREMENTS • OBTAIN FINAL SIGN-OFFS 	<ol style="list-style-type: none"> 1. CUPA/FIRE/ENVN.HEALTH 2. CITY BUILDING 3. CITY PLANNING 4. OTHER AGENCIES 		
INSTALLATION COMPLETE	SET UP MBUAPCD-REQUIRED START-UP PERFORMANCE TESTING		

Disclaimer: The Monterey Bay Unified Air Pollution Control District (MBUAPCD) provides this checklist as a tool to assist you plan for and install your Phase II EVR equipment. The District assumes no legal liability or responsibility for the completeness or adequacy of this checklist in helping you satisfy or achieve compliance with all Phase II EVR requirements, including identification of all necessary permits and approvals. You are responsible for meeting the Phase II EVR requirements and deadlines. Please consult with a qualified contractor before starting EVR upgrades.