



Linda S. Adams
Secretary for
Environmental Protection

Air Resources Board

Mary D. Nichols, Chairman
1001 I Street • P.O. Box 2815
Sacramento, California 95812 • www.arb.ca.gov



Arnold Schwarzenegger
Governor

September 22, 2010

Mr. Glenn K. Walker, President
Vapor Systems Technologies, Inc.
650 Pleasant Valley Drive
Springboro, Ohio 45066

Dear Mr. Walker:

In a letter dated August 10, 2010, you requested Air Resources Board (ARB) evaluation of a secondary hold-open latch release mechanism (SRM) on the Vapor Systems Technologies (VST) enhanced vapor recovery (EVR) nozzle, models VST-EVR-NB and VST-EVR-NB-R. The purpose of the hold-open latch release mechanism is to ensure the nozzle lever is disengaged (e.g. fuel and vapor valve closed) at any time the nozzle is placed back into the dispenser cradle. Figure 1 shows the VST EVR nozzle with the hold-open latch release mechanism. The VST nozzle model number will not change. As shown in Figure 1, VST nozzle model number will be placed on the bottom of the nozzle hand guard.

To support your request, you included a drawing and a durability report on the SRM. The VST EVR nozzles with SRM were also installed at a gasoline dispensing facility (GDF) for the purpose of ARB staff "in-use" evaluation. In addition, VST and ARB staff visited several GDFs to ensure the SRM operated properly when hung on different makes and models of dispensers. At this time, ARB staff is only aware one dispenser, Gilbarco Encore series, that will need a plate inserted on the bottom of the dispenser nozzle cradle. When VST determined that other dispenser models may need special installation instructions or parts for proper operation of SRM, VST shall notify ARB staff and issue a Technical Service Bulletin. For these cases, VST will provide instructions, and parts if applicable.

ARB has received approval for the VST EVR nozzle with SRM from the following State Agencies:

- Department of Forestry and Fire Protection
Office of the State Fire Marshal
- Department of Industrial Relations
Division of Occupational Safety and Health
- Department of Food and Agriculture
Division of Measurement Standards
- State Water Resources Control Board
Division of Water Quality

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.

California Environmental Protection Agency

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ARB has determined that addition of the SRM on the VST EVR nozzle will not affect the performance of the vapor recovery system. Therefore, pursuant to Section 18.2.4 of Vapor Recovery Certification Procedure 201 (CP-201), amendments to Executive Orders VR-203-A to H, VR-204-A to H, VR-205-A to B, and VR-209-A are not necessary. The VST nozzle with SRM is hereby approved for use in California.

On August 24, 2010, ARB approved the VST nozzle without the hold open latch for use in California. This approval of the VST nozzles with SRM does not revoke or supersede the approval of VST nozzles without the latches. GDF operators will have the option of continuing to use VST nozzles without hold open latches or opt to replace them with VST nozzles with SRM.

If you have questions, please contact Pat Bennett at (916) 322-8959 or via email at pbennett@arb.ca.gov, or George Lew at (916) 327-0900 or via by email at glew@arb.ca.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Alberto Ayala', with a long horizontal flourish extending to the right.

Alberto Ayala, Ph.D., M.S.E.
Chief, Monitoring and Laboratory Division

cc: See next page.

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cc: Ben Ho
Office of the State Fire Marshal

James Parsegian
Office of the State Fire Marshal

Jay McKeeman
California Independent Oil Marketers Association

Sunny Campbell
California Service Station and Automotive Repair Association

Tupper Hull
Western States Petroleum Association

James White
BP/ARCO

John Marvin
Bay Area Air Quality Management District

Kevin Tokunaga
Glenn County Air Pollution Control District

Randy Smith
San Diego County Air Pollution Control District

Matt Stevens
Department of Food and Agriculture

Joel Foss
Department of Industrial Relations

Kevin Graves
State Water Resources Control Board

Figure 1

VST EVR Nozzle with Secondary Hold-Open Latch Release Mechanism (SRM)

