



Alan C. Lloyd, Ph.D.
Agency Secretary

Air Resources Board

Cindy K. Tuck, Chair
1001 I Street • P.O. Box 2915
Sacramento, California 95812 • www.arb.ca.gov



Arnold Schwarzenegger
Governor

August 11, 2005

05-02

Mr. Thomas J. Smith
Chief Engineer
Hirt Combustion Engineers, Inc.
3659 San Gabriel River Parkway
Pico Rivera, California 90661

Dear Mr. Smith:

On June 8, 2005, the California Air Resources Board (ARB) issued an updated Approval Letter #03-06a for Onboard Refueling Vapor Recovery (ORVR) compatibility with the Hirt VCS 400-7 system, certified under Executive Order G-70-177-AA. Approval Letter #03-06a limits the system to eight unihose dispenser configurations or eight multiple hose dispenser fueling points maximum. On June 22, 2005, ARB staff witnessed a demonstration conducted by Hirt Combustion Engineers, Inc. at a gasoline dispensing station (GDF) in Oakdale, California. The purpose of the demonstration was to determine whether the Hirt VCS 400-7 system is capable of operating as certified with more than 8 fueling points.

The results showed that the Hirt VCS 400-7 system met the minimum ORVR compatibility requirements. Based upon the results of the Hirt ORVR demonstration, and a subsequent ARB fueling point analysis, the Hirt VCS 400-7 system is hereby approved for ORVR compatibility with no more than 16 fueling points.

After April 1, 2005, only EVR certified Phase II vapor recovery systems shall be installed in new facilities. After March 1, 2006, all Vapor Recovery systems installed on all California GDFs must be compatible with vehicles equipped with ORVR systems. After January 1, 2009, all gasoline dispensing facilities utilizing underground storage tanks must comply with Phase II EVR requirements as set forth in CP-201, Certification Procedure for Vapor Recovery Systems at Gasoline Dispensing Facilities.

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 brochure: <http://www.arb.ca.gov>

California Environmental Protection Agency

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If you have questions or need further information, please contact either Joe Guerrero at (916) 324-9487 or via email at jguerrero@arb.ca.gov or Sam Vogt at (916) 322-8922 or via email at svogt@arb.ca.gov.

Sincerely,

William V. Loscutt, Chief
Monitoring and Laboratory Division

cc: Elizabeth Haven
State Water Resources Control Board

Tania Leisten
Monterey Bay Unified Air Quality Management District

Randy Matsuyama
South Coast Air Quality Management District

Sam Oklay
Mojave Desert Air Quality Management District

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San Joaquin Unified Air Pollution Control District