



Air Resources Board



Linda S. Adams
Secretary for
Environmental Protection

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

Arnold Schwarzenegger
Governor

June 15, 2010

#10-02

Mr. Paul Witt
E.J. Ward, Inc.
8801 Tradeway Street
San Antonio, Texas 78217-0888

Dear Mr. Witt:

Thank you for your letter dated March 10, 2010, requesting approval of the E.J. Ward Inc. RF Hose Module (HM), part # RF Hose Mod for use with VST-EVR-NB Balance Phase II Vapor Recovery Nozzle and Healy 900, and 400 Phase II Vapor Recovery nozzles.

The HM collects vehicle information for fleet applications and allows only vehicles with corresponding hardware to refuel. The HM is a self contained wireless system that attaches to the top of the nozzle and communicates by radio frequency with a microprocessor installed in a vehicle fuel pipe. This communication allows fuel to be dispensed only to vehicles with a compatible microprocessor and tracks various engine and vehicle data.

Air Resources Board (ARB) staff has reviewed all information submitted and has completed a visual inspection. ARB staff verified through an engineering evaluation that the HM does not interfere with the nozzle boot or the dispenser when hung or when fueling a vehicle. When the HM is installed in accordance with E.J. Ward, Inc. recommended instructions, ARB staff finds that the use of the HM will not adversely affect the vapor recovery systems equipped with nozzles listed in Table 1.

Therefore, the HM is approved for use on the Phase II Vapor Recovery nozzles listed in Table 1. ARB staff has also received approvals of the HM from the Department of Food and Agriculture, Division of Measurement Standards; Department of Industrial Relations, Division of Occupational Safety and Health; Department of Forestry and Fire Protection, Office of the State Fire Marshal; and State Water Resources Control Board.

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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Table 1

VAPOR RECOVERY NOZZLES
Healy Model 900. 400
VST Model VST-EVR-NB
Emco Wheaton 4000 series ¹

If you have questions or need further information, please contact Mr. Vince Bunac at (916) 327-7420 or via email at vbunac@arb.ca.gov, or Mr. Lou Dinkler at (916) 324-9487 or via email at ldinkler@arb.ca.gov.

Sincerely,



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

cc: John Marvin
Bay Area Air Quality Management District

Kevin Tokunaga
Glenn County Air Pollution Control District

Lou Roberto
South Coast Air Quality Management District

Matt Stevens
Department of Food and Agriculture

Joel Foss
Department of Industrial Relations

James Parsegian
Department of Forestry and Fire Protection

Kevin Graves
State Water Resources Control Board

¹ This nozzle was approved for use with the HM by Approval Letter # 04-01.