



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

December 2, 2009

#04-02-B

Mr. William L. Howard
Regional Sales Director
Syn-Tech Systems, Inc.
100 Four Points Way
Tallahassee, Florida 32305

Dear Mr. Howard:

This Approval Letter #04-02-B supersedes the Approval Letter #04-02-A dated October 29, 2009. Approval Letter #04-02-B was modified to reference Syn-Tech Systems Inc. for recommended RF/ID Tag installation instructions.

The RF/ID Tag collects vehicle information for fleet applications and allows only vehicles with corresponding hardware the ability to refuel. The RF/ID Tag installed on the Phase II Vapor Recovery nozzle 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 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 RF/ID Tag does not interfere with the nozzle boot or the dispenser when hung or when fueling a vehicle. When the RF/ID Tag is installed in accordance with Syn-Tech Systems, Inc. recommended instructions, ARB staff finds that the use of the RF/ID Tag will not adversely affect the vapor recovery systems equipped with the nozzles listed in Table 1.

Therefore, the RF/ID Tag is approved for use on the Phase II Vapor Recovery nozzles listed in Table 1. ARB staff has received approval of the RF/ID Tag 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
Healy Model 400
Emco-Wheaton 4000 Series
OPW 11VF-47
OPW 11VF047/R

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

Sincerely,

Manjit Ahuja, Acting Chief
Monitoring and Laboratory Division

cc: See next page.

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cc: John Marvin
Bay Area Air Quality Management District

Kevin Tokunaga
Glenn County Air Pollution Control District

Gary Ma
Yolo-Solano Air Pollution Control District

Lou Roberto
South Coast Air Quality Management District

John Roach
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

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bcc: Lou Dinkler, Manager
Engineering and Evaluation Section

Ranjit Bhullar, Manager
Vapor Recovery In-Use Section

Pat Bennett, Manager
Vapor Recovery Certification Section

Mark Stover, Chief
Stationary Source Enforcement Branch