



# Air Resources Board



Mary D. Nichols, Chairman

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Sacramento, California 95812 • [www.arb.ca.gov](http://www.arb.ca.gov)

Linda S. Adams

Secretary for

Environmental Protection

Arnold Schwarzenegger

Governor

January 29, 2010

#10-01

Mr. Brad Oglesby  
AIM2 Project Manager  
Syn-Tech Systems, Inc.  
100 Four Points Way  
Tallahassee, Florida 32305

Dear Mr. Oglesby:

Thank you for your recent letter requesting approval of the Syn-Tech Systems, Inc. RF/ID nozzle tag #941B0218-20 (RF/ID Tag) for use with VST-EVR-NB Balance Phase II Vapor Recovery Nozzle (VST Nozzle).

The RF/ID Tag collects vehicle information for fleet applications and allows only vehicles with corresponding hardware to refuel. The RF/ID Tag 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 nozzle listed in Table 1.

Therefore, the RF/ID Tag is approved for use on the Phase II Vapor Recovery nozzle 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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Mr. Brad Oglesby  
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Table 1

|                       |
|-----------------------|
| VAPOR RECOVERY NOZZLE |
| VST-EVR-NB            |

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

Sincerely,



Cindy Castronovo, Acting Chief  
Monitoring and Laboratory Division

cc: See next page.