



# 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](http://www.arb.ca.gov)

**Arnold Schwarzenegger**  
Governor

August 13, 2008

#08-03

Mr. Ido Roseman  
Roseman Engineering LTD.  
65 Weizman Street  
Givataim, 53468 Israel

Dear Mr. Roseman:

Thank you for requesting California Air Resources Board (ARB) approval of the Roseman Engineering, LTD. Passive Nozzle Tag also known as the MAXIMUS FuelFocus Passive Nozzle Tag for use with Phase II Balance Vapor Recovery System Nozzles listed below. Based on ARB staff analysis and the approvals by 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 Passive Nozzle Tag is approved for use on the following Phase II Balance Vapor Recovery System Nozzles:

- OPW 12VW
- OPW 11VAA
- OPW 11VAI
- OPW VF
- HUSKY 1+5
- Emco E4005

The Passive Nozzle Tag collects vehicle information for fleet applications and allows only vehicles with a corresponding microprocessor on the vehicle the ability to refuel. The Passive Nozzle Tag installed on the Phase II Balance Vapor Recovery nozzle is a battery powered module that attaches to the bottom of the nozzle boot and communicates by radio frequency with a microprocessor installed in a vehicle. The communication allows fuel to be dispensed only to vehicles with a compatible microprocessor and tracks various engine data. Testing was conducted at the following location:

Test Site Location
City of Sacramento Maintenance Facility 5730 24 <sup>th</sup> Street, Sacramento, California 95822

*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>.*

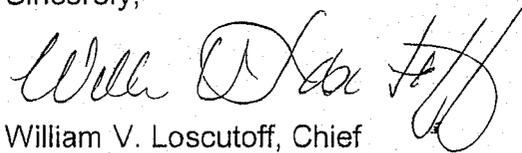
California Environmental Protection Agency

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ARB staff analysis consisted of reviewing all information submitted, a minimum 30 day test and visual inspection of the Passive Nozzle Tag installed on Phase II Balance Vapor Recovery System Nozzles. In addition, we have evaluated the Passive Nozzle Tag to verify that it does not interfere with the nozzle boot or the dispenser while resting in the dispenser holster and when fueling a vehicle. Based on our evaluation, we find the use of the Passive Nozzle Tag mounted on the Phase II Balance Vapor Recovery Nozzles listed above, when installed in accordance with the manufacturer recommended instructions, will not adversely affect the vapor recovery system.

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).

Sincerely,



William V. Loscutoff, Chief  
Monitoring and Laboratory Division

cc: Please see next page

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cc: Jim Swaney  
San Joaquin Valley Air Pollution Control District

John Marvin  
Bay Area Air Quality Management District

Gary Ma  
Yolo-Solano Air Quality Management District

Dan Reiswig  
Department of Food and Agriculture

Larry McCune, P.E.  
Department of Industrial Relations

James Parsegian  
Department of Forestry and Fire Protection

Kevin Graves  
State Water Resources Control Board

Isam Boulad  
Sacramento Metropolitan Air Quality Management District

Matt Winkler  
City of Sacramento