



Winston H. Hickox
Agency Secretary

Air Resources Board

Alan C. Lloyd, Ph.D.
Chairman

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



Gray Davis
Governor

April 21, 2003

#03-02

Mr. Tom Daly
Regional Manager
Syn-Tech Systems, Inc.
3700 Dubac Way
Sacramento, California 95864

Dear Mr. Daly:

Thank you for requesting California Air Resources Board (ARB) approval of the Syn-Tech Systems RF/ID nozzle tag (Tag) part number 941B0157 (Figure 1) and 941B0220 (Figure 2) for use on OPW 11VAI-27, -37 and OPW 12VW vapor recovery nozzles, respectively. The RF/ID Tags are a self-contained wireless system that transmits information from vehicle to dispenser through use of radio frequency. The RF Tag is externally mounted on vapor recovery nozzles as shown in figures 1 and 2.

ARB staff has reviewed all information submitted and conducted testing of two installed RF/ID Tags. ARB staff has also evaluated the RF/ID Tags to verify that they do not interfere with the dispenser when hung and when fueling a vehicle. Based on our evaluation, we find the use of the RF/ID Tag, when installed in accordance with the manufacturer recommended instructions, will not adversely affect the vapor recovery systems on which they are installed. Following the manufacturer installation instructions the 941B0157 RF/ID Tag can be installed on OPW 11VAI-21, -37 and 941B0220 RF/ID Tag can be installed on OPW 12VW vacuum assist vapor recovery nozzles.

Based on our evaluation and approvals by the Department of Food and Agriculture, Division of Measurement Standards, Department of Industrial Relations, Division of Occupational Safety and Health and Department of Forestry and Fire Protection, Office of the State Fire Marshal, the Syn-Tech RF/ID Tag part number 941B0157 is approved for use on OPW 11VAI-21 and -37 vapor recovery nozzles and 941B0220 is approved for use on OPW 12VW vapor recovery nozzles.

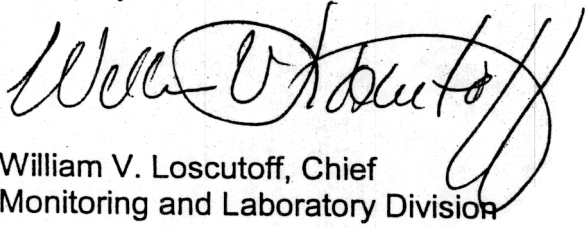
*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.
For a list of simple ways you can reduce demand and cut your energy costs, see our Website: <http://www.arb.ca.gov>.*

California Environmental Protection Agency

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If you have questions or need further information, please contact Oscar Lopez at (916) 323-1161 or via email at olopez@arb.ca.gov or call Laura McKinney at (916) 322-2496.

Sincerely,



William V. Loscutoff, Chief
Monitoring and Laboratory Division

cc: Ms. Teresa Sewell
Monterey Bay Unified Air Pollution Control District

Mr. Dan Reisinger
Department of Food and Agriculture
Division of Measurement Standards

Mr. Larry McCune
Department of Industrial Relations
Division of Occupational Safety and Health

Mr. Mike Waldron
Department of Forestry and Fire Protection
Office of the State Fire Marshal



Figure 1
941B0157 RF/ID Tag for
OPW 11VAI-27 and -37 Nozzles

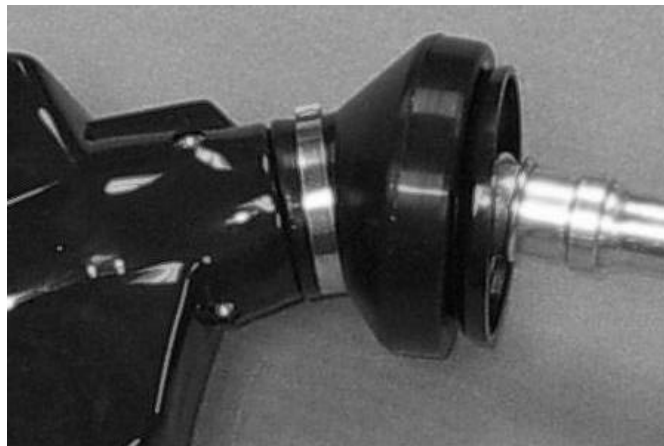


Figure 2
941B0220 RF/ID Tag for
OPW 12VW Nozzles