



Winston H. Hickox
Agency Secretary

Air Resources Board

Alan C. Lloyd, Ph.D.
Chairman

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Gray Davis
Governor

March 9, 2000

Jose E. Rodriguez
Manager of Technical Services
1666 Yale St.
Chula Vista, CA 91913

00-02

Dear Mr. Rodriguez:

Approval of the Emco Wheaton A4500 and A4505 Nozzle Modifications

This is in response to your request for California Air Resources Board (CARB) approval of an alternative construction for the Emco Wheaton A4500 and A4505 assist type vapor recovery nozzles. These modifications included changes to the internal spring rate, lever, poppet, plastic spacer, and no pressure - no flow assembly.

As required by the Certification Procedures for Gasoline Vapor Recovery Systems at Service Stations, the approvals of the three State agencies are a precondition to certification by the Air Resources Board. The appropriate letters of approval have been received and are listed as follows:

Department of Food and Agriculture,
Division of Measurement Standards
April 26, 1999

Department of Occupational Safety and Health
March 20, 1997

Department of Forestry and Fire Protection
Office of the State Fire Marshal
December 13, 1999

I find that the use of the modified Emco Wheaton A4500 and A4505 nozzles, when installed in accordance with the manufacturer's instructions and the conditions, will not adversely affect the performance of vapor recovery systems on which it is installed. Therefore, the Emco Wheaton A4500 and A4505 nozzles are certified for use with CARB certified Phase II vapor recovery.

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If you have any questions or wish to discuss this matter further, please call Christine McKenzie at (916) 324-7658.

Sincerely,

James J. Morgester, Chief
Compliance Division

cc: Mr. Jim Johnston, Chairman,
CAPCOA Vapor Recovery Committee
Monterey Bay Unified APCD
24580 Silver Cloud CT.
Monterey, CA 93940-6536