Cal/EPA
California Environmental Protection Agency

Air Resources Board
P.O. Box 2815
2020 L Street
Sacramento, CA
95812-2815

Pete Wilson
Governor

James M. Strock
Secretary for Environmental Protection

October 30, 1996

Adam J. Lindale
Mechanical Engineer
Bennet Pump Company
2740 Wood Street
P.O. Box 597
Muskegon, MI 49443-0597

96-29

Dear Mr. Lindale:

Approval of Bennet Pump Company's 2300 and 2400 Series Dispenser.

You requested California Air Resources Board (CARB) certification of Bennet Pump Company's new 2300 and 2400 series dispensers. The 2300 and 2400 series dispensers are to replace the current 7000 and 9000 series dispensers currently certified under CARB Executive Order G-70-52-AM.

The 2300 and 2400 series dispensers differ from the 7000 and 9000 series dispensers in that the manifold connecting the two outlets to the same product is increased in length by 3.07 inches. To compensate for the additional length, the outside manifold tube diameter was increased from 0.625" to 0.875". The rest of the balance vapor recovery system remains the same. Results of pressure drop comparisons between the 9000 series vapor tubing and the 2400 series vapor tubing are within the guidelines set forth in CARB Test Procedure TP201.4.

As required by CARB certification procedures, you requested the approvals of the Division of Occupational Safety and Health, the Office of the State Fire Marshal, and the Department of Agriculture, Division of Measurement Standards. The necessary approvals have been obtained from these agencies.

I find that Bennett Pump Company's model 2300 and 2400 series dispensers, when installed in accordance with the manufacturer's instructions, will not adversely affect the performance of vapor recovery systems on which they are installed. Therefore, Bennett Pump Company's model 2300 and 2400 series dispensers are certified for use with CARB certified Phase II vapor recovery systems that incorporate the specifications of CARB Executive Order G-70-52-AM.

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If you have any questions or wish to discuss this matter further, please call Paul Thalken at (916) 445-0383 or Laura McKinney at (916) 327-1525.

Sincerely,

James J. Morgester, Chief
Compliance Division

cc: Mr. Jim Johnston, Chairman,
CAPCOA Vapor Recovery Committee

Mr. Gary Hunter, Manager,
CARB Compliance Assistance Section