Cal/EPA

California Environmental Protection Agency

Air Resources Board

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

June 6, 1996

Pete Wilson
Governor

James M. Strock
Secretary for Environmental Protection

Elmer Klop
Manager of Engineering
Enterprise Brass Works, Inc.
2814 McCracken Avenue
Post Office Box 689
Muskegon, Michigan 49443

#96-15

Dear Mr. Klop:

Approval of the EBW Model 362-204 Vapor Shear Valve

You requested California Air Resources Board (CARB) certification of the Enterprise Brass Works (EBW) Model 362-204 vapor shear valve. This device serves as a weak section, between the dispenser and the system's vapor return line, that will fracture in the event that the dispenser is subjected to a sufficient external impact.

The EBW Model 362-204 vapor shear valve consists of an upper threaded adapter, a lower threaded body, and a poppet valve. It can only be used on vapor lines with a maximum vapor pressure of 0.5 psig, and is designed to shear when a torque of not more than 650 foot pounds is applied. Upon sufficient impact to the dispenser, the upper adapter will fracture to minimize damage to the underground piping, and allow the poppet valve to close to prevent the release of gasoline vapor.

Installation shall be in accordance with the manufacturer's instructions and all applicable codes. Each valve shall bear the listee's name and trademark (EBW), model number and U.L. listing mark cast or stamped onto the body.

As required by CARB certification procedures, the necessary approvals from the Office of the State Fire Marshal and the Division of Occupational Safety and Health have been obtained. I find that the use of the 362-204 vapor shear valve, when properly installed, will not adversely affect the performance of the vapor recovery system. Therefore, the EBW Model 362-204 vapor shear valve is certified for use with CARB approved Phase II vapor recovery systems.

If you have any questions or need further assistance, please contact Ranjit Bhullar at (916) 323-7370, or Laura McKinney at (916) 327-1525.

Sincerely,

James J. Morgester, Chief
Compliance Division

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

Mr. Gary Hunter, Manager
CARB Compliance Assistance Section