STATE OF CALIFORNIA

PETE WILSON, Governor

AIR RESOURCES BOARD
2020 L STREET
P.O. BOX 2815
SACRAMENTO, CA 95812

October 24, 1994

Mr. Donald L. Leininger
Technical Liaison Manager
OPW Fueling Components
Post Office Box 405003
Cincinnati, Ohio 45240-5003

#94-27

Dear Mr. Leininger:

Approval of the OPW Model 60VP Vapor Line Shear Valve

Mr. William J. Brown of OPW Fueling Components requested California Air Resources Board (CARB) approval of the OPW Model 60VP Vapor Line Shear Valve. The Model 60VP shear valve serves as a weak section designed to fracture in the event that the dispenser is subjected to a sufficient external impact. The valve is designed to shear when a torque on not more than 650 foot pounds is applied.

The OPW 60VP shear valve consists of a cast iron body with a grooved weak center (shear) section. Each half of the shear valve is provided with a spring loaded poppet valve to close the vapor recovery line leading from the service station's underground tanks to the dispensers. The valve consists of the cast iron body, steel spring, set stem, steel washer, acetal resin guide, Viton disc, steel retainer ring and steel pushnut. Each half has an internal female threaded connection.

The 60VP shear valve shall be used only on the vapor lines of gasoline dispensing devices which have a maximum vapor pressure of 5 pounds per square inch (psi). The valve is installed between the gasoline dispenser and the system's vapor return line at a maximum of 1/2 inch above or below the top of the dispenser pedestal island. Installation shall conform with the manufacturers instructions and all applicable codes and ordinances. The 60VP shear valve shall, as required by the California State Fire Marshal (CSFM), bear the listee's name, model number, and Underwriters Laboratory (UL) Mark on a UL listed self adhesive label attached to the component. The CSFM seal and certificate shall appear on an adhesive backed non fade label, separate from the installation instructions, warnings, and other similar information.

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

I find that the use of the 60VP shear valve, when installed in accordance with the manufacturer's instructions and the conditions listed above, will not adversely affect the performance of vapor recovery systems on which it is installed. Therefore, the OPW Model 60VP Vapor Line Shear Valve is certified for use with Phase II vapor recovery systems.

Should you have any questions or need further assistance, please contact Mr. Basharat Iqbal at (916) 324-7343 or Ms. Laura Sullivan McKinney at (916) 327-1525.

Sincerely,

James J. Morgester, Chief
Compliance Division

cc: Mr. Kenneth Kunaniec, Chairman,
CAPCOA Vapor Recovery Committee

Mr. Gary Hunter, Manager,
CARB Compliance Assistance Section