

AIR RESOURCES BOARD

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

July 29, 1993

Sergio M. Bravo
President
S. Bravo Systems, Inc.
14056 Artesia Boulevard
Cerritos, CA 90701

Dear Mr. Bravo:

#93-16

Approval of the S Bravo Model B-1 Vapor Shear Valve

You requested California Air Resources Board (CARB) approval of the S Bravo Systems, Inc. Model B-1 Vapor Shear Valve.

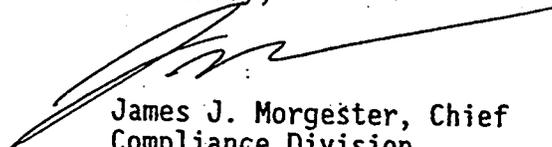
The Model B-1 Vapor Recovery Shear Valve consists of a steel body, a replaceable Celcon shear section, a synthetic rubber poppet and spring with test port. The valve is constructed with an internal 1.5-12 NPT thread for connecting the valve to the vapor line and an external 1.5-12 NPT and internal 1-12 NPT for connecting the valve to the dispenser. When the valve is subjected to a minimum force of 120 psi to a maximum force of 300 psi, the valve will shear allowing the valve poppet to engage and block the vapor flow. The Model B-1 valve shall be used only on the vapor lines of gasoline dispensing devices with a maximum vapor pressure of .5 psig.

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 Model B-1 valves, 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, the S Bravo Systems Model B-1 Vapor Shear Valves are certified for use with Phase II vapor recovery systems.

If you have any questions, please call Basharat Iqbal at (916) 324-7343 or Laura McKinney at (916) 327-1525.

Sincerely,


James J. Morgester, Chief
Compliance Division

cc: Vapor Recovery Technical Committee