



Cal/EPA

California
Environmental
Protection
Agency



Air Resources Board

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Pete Wilson
Governor

Secretary for
Environmental
Protection

November 24, 1997

Arthur Fink, Jr.
Vice President, Engineering
Husky Corporation
2325 Husky Way
P.O. Box 67
Pacifica, MO 63069

Dear Mr. Fink:

#97-16

Certification of the Husky Model 4620 Pressure Vacuum Vent Valve
and Model 4702 2" Pipe Adapter.

On January 20, 1997, you requested California Air Resources Board (CARB) certification of Husky Model 4620 pressure/vacuum (p/v) vent relief valve. The Model 4620 P/V valve is designed for installation on either threaded or non-threaded 2" vent pipes using a 1/4 " foam sealing gasket and 4 set screws.

The Husky 4620 P/V valve has a cracking pressure of 3 +/- 1/2 inches of water column and a cracking vacuum of 8 +/- 2 inches of water column. It is designed for use on Phase I and Phase II gasoline vapor recovery systems. The model 4620 p/v valve is unique in that it relieves pressure in two stages: small sensitive, diaphragm operated valves to control the low system operating pressure (3") and vacuum (8") without leakage, and larger direct acting poppet valves which can dump large volumes (7000 CFH) of vapor at higher pressure (2 psi max.) in the event of a mishandled Phase I bulk drop.

The valve is designed to fit 2" pipe and is equipped with 4 set screws and a soft 1/4" thick seal to insure a leak tight performance. The model 4702, 2" pipe threaded adapter is available where required.

The 4620 P/V vent valve shall be installed in conformity with the manufacturer's instructions and all applicable codes. The manufacturer's name, model number, operating pressures, and maximum rated flow rate shall be incorporated as part of the adhesive backed UL Listing Mark. The Listing Mark shall be a UL approved adhesive label. The lot number will be etched into the aluminum body at assembly.

As required by the certification Procedures for Gasoline Vapor Recovery Systems at Service Stations, the approvals of the three State agencies is 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
August 30, 1995.

-Department of Occupational Safety and Health
November 7, 1997

-Department of Forestry and Fire Protection
Office of the State Fire Marshal
Certification # GVRC 005:021:015, issued October 27, 1997

I find that the use of the Husky Model 4620 P/V vent 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 Husky Model 4620 P/V vent valve and the model 4702, 2" pipe threaded adapter are certified for use with Phase I and Phase II gasoline vapor recovery systems provided that they meet the specifications contained in the Executive Orders.

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,

INTERNET VERSION

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

Mr. Gary Hunter, Manager,
CARB Compliance Assistance Section