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

PETE WILSON, Governor

October 19, 1992

David J. Parrish
Engineering Manager
Emco Wheaton, Inc.
4001 Weston Parkway
Cary, NC 27513

#92-21

Dear Mr. Parrish:

Certification of Emco Wheaton A84 Pressure/Vacuum Valves

You requested certification of two variations of the Emco Wheaton A84 pressure/vacuum (P/V) valves. The A84-100 valve employs a 2 inch NPT internal thread to secure the valve to the storage tanks vent pipe. The A84-101 valve is secured by three socket-head set screws, and is sealed between the valve body and vent pipe by a seal ring and gasket. The valves are identical in all other respects and consist of an anodized aluminum main body with a cap assembly. The pressure setting is at two inches plus or minus one inch water column. The vacuum setting does not exceed one-half ounce per square inch or eight inches water column of vacuum.

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 Emco Wheaton A84 P/V valves will not adversely affect Phase II vapor recovery systems on which they may be installed provided they are not inconsistent with the P/V valves or settings specified in individual system certification Executive Orders. Therefore, the Emco Wheaton A84-100 and the A84-101 pressure/vacuum valves are certified for use with Phase II gasoline vapor recovery systems.

If you have any questions, please call Laura McKinney, Associate Air Pollution Specialist, at (916) 327-1525.

Sincerely,

James J. Morgester, Chief
Compliance Division

cc: All APCDs and AQMDs
Vapor Recovery Technical Committee Members
CAP Gasoline Marketing and Distribution Manual