STATE OF CALIFORNIA
AIR RESOURCES BOARD
1102 Q STREET
P.O. BOX 2815
SACRAMENTO, CA 95812

PETE WILSON, Governor

February 8, 1991

E. J. St. Amour
Western Region Manager
Tokheim Corporation
3950 Industrial Blvd, #200C
West Sacramento, CA 95691

#91-3

Dear Mr. St. Amour:

Certification of Tokheim Models 222 and 333 Dispenser Configurations

You requested certification of the Tokheim models 222 (two product) and 333 (three product) dispensers which have been converted from a non-vapor recovery configuration to a vapor recovery configuration.

The attached drawing of this dispenser configuration shows an Emco Wheaton A227 vapor check valve installed in a vertical position between the dispenser and the hose swivel. The manufacturer's instructions specify that the A227 installation should be within five degrees of horizontal. Performance tests of this dispenser demonstrated that normal operation clears any liquid blockage which may occur because of the vertical installation of this component. Therefore, the use of the A227 valve as shown is acceptable. The Emco Wheaton A4042 adaptor, which is similar in size and shape to the A227 vapor check valve, may be used instead of the A227 with nozzles which do not require the use of a remote vapor check valve.

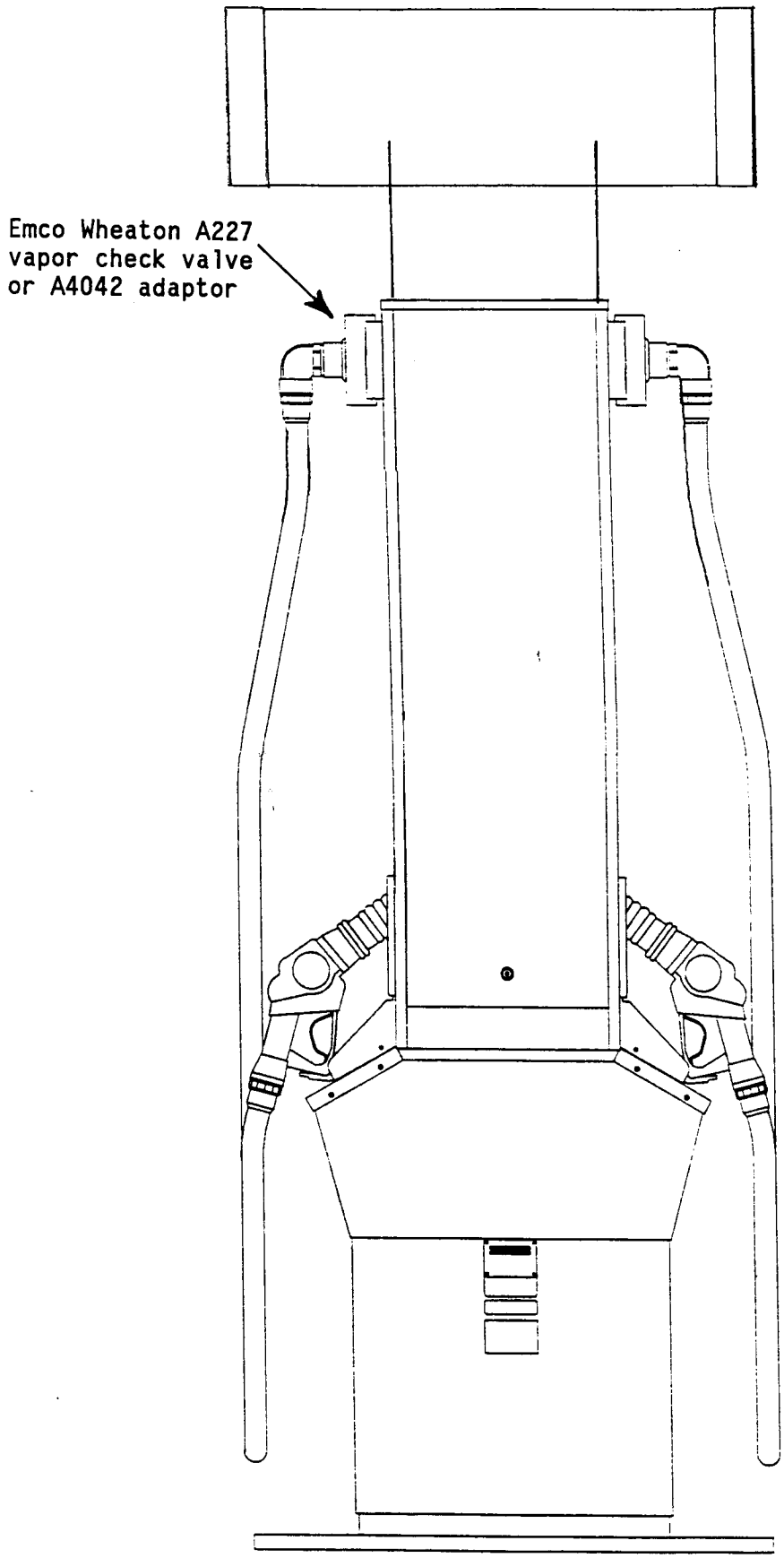
As required by the Air Resources Board certification and test procedures, you requested the approval of the Division of Occupational Health and Safety, the Office of the State Fire Marshal and the Department of Food and Agriculture, Division of Measurement Standards. The necessary approvals have been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

I find that the Tokheim models 222 and 333 dispenser configurations will not adversely affect vapor recovery systems on which they may be installed. Therefore, the Tokheim models 222 and 333 dispensers 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,

for Stephanie M. Tunnel

James J. Morgester, Chief
Compliance Division

cc: All APCDs and AQMDs
Vapor Recovery Technical Committee Members

Tokheim 222 and 333 Dispenser Configuration