STATE OF CALIFORNIA

PETE WILSON, Governor

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

November 8, 1994

Mr. Glenn K. Walker
President
Vapor Systems Technologies, Inc.
424 North Irwin Street
Dayton, Ohio 45403

#94-28

Dear Mr. Walker:

Approval of the VST VSTaflex Healy Style Inverted Coaxial Hose Assembly

You requested California Air Resources Board (CARB) approval of the Vapor Systems Technologies (VST) VSTaflex Healy style inverted coaxial hose assembly. The VST VSTaflex Healy style hose assembly is an inverted coaxial hose identical to the currently certified VST VSTaflex inverted hose (Approval Letter #94-25 dated October 19, 1994) except for the hose connectors. It is designed to work with the Healy vapor recovery system. The Healy system uses hose connections which are different than other inverted hose connections.

The outer hose is designed to handle gasoline being dispensed into a motor vehicle. The inner hose is used for returning gasoline vapors to the service station's underground storage tanks. Special swivel couplings on the hose ends are for connection with suitable vapor recovery accessories and with gasoline dispensing discharge and vapor return lines. The hose ends have either 1-1/4 inch 18 UNEF straight threads (for the Healy 400 and 600 series systems) or 1 inch 11-1/2 NPT type threads (for the Healy 200 series system). The hose assemblies are manufactured in various lengths up to a maximum of 15 feet. The VSTaflex shall be installed in conformity with manufacturer's instructions and all applicable codes. Specifically, with Automotive and Marine Station Code of the National Fire Association (NFPA 30A). As required by the California State Fire Marshal (CSFM), the listee's name "Vapor Systems Technologies, Inc.", the model number "VSTaflex", and Underwriter's Laboratory (UL) label shall appear on the hose ferrule. The hose shall also bear the Vapor Systems Technologies brand, UL listing and the date of manufacture.

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 VSTaflex Healy style inverted hose, 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 VST VSTaflex Healy style inverted coaxial hose assembly is certified for use with the Healy vapor recovery system.

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