STATE OF CALIFORNIA

PETE WILSON, Governor

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

October 19, 1994

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

#94-25

Dear Mr. Walker:

Approval of the VST VSTaflex Inverted Coaxial Hose Assembly

You requested California Air Resources Board (CARB) approval of the Vapor Systems Technologies (VST) VSTaflex inverted coaxial hose assembly. The VST VSTaflex hose assembly is an inverted coaxial hose designed to operate with vacuum assist vapor recovery systems.

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 Metric 34 (34M) type threads. 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 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 inverted coaxial hose assembly is certified for use with the following Phase II vacuum assist vapor recovery systems:

Hasstech VCP 2/2A	(Executive Order #G-70-7-AD)
Gilbarco VaporVac	(Executive Order #G-70-150-AB)
Dresser/Wayne WayneVac	(Executive Order #G-70-153-AA)
Tokheim MaxVac	(Executive Order #G-70-154)

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