STATE OF CALIFORNIA

PETE WILSON, Governor

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

June 2, 1994

Mr. Jim Asbury
Manager Quality Assurance
Catlow Incorporated
2750 U.S. Route 40
Tipp City, Ohio 45371

#94-10

Dear Mr. Asbury:

Approval of the Catlow AV2001 Inverted Breakaway

You requested California Air Resources Board (CARB) approval of the Catlow Incorporated Model AV2001 reconnectable breakaway coupling. The AV2001 inverted coaxial non-swiveling emergency breakaway coupling consists of an outer fluid carrying assembly and an inner vapor carrying assembly. The outer fluid carrying assembly consists of a male and female spud with integral check valves in each component. The assembly is held together within a sleeve by an adjustable finger system. The inner assembly, check valves, and vapor path are held together within the outer liquid carrying assembly by retaining rings.

The AV2001 unit is for use with gasoline dispensing devices having vapor recovery capabilities and working pressures not exceeding 50 pounds per square inch and a maximum separation force of 300 pounds. The AV2001 breakaway is used between a vapor recovery coaxial hose assembly to safeguard against abnormally excessive pull forces on the hose assembly and dispenser. The listee's name, model number, ETL mark, maximum separation force and the words "METRIC THD" shall be provided on the coupling body.

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 AV2001 breakaway, 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 Catlow Incorporated AV2001 inverted coaxial breakaway coupling is certified for use with the following Phase II "bootless nozzle" vapor recovery systems:

Phase II System	Current Executive Order
Hasstech VCP 2/2A	G-70-7-AD
Gilbarco VaporVac	G-70-150-AB
Dresser/Wayne WayneVac	G-70-153

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