STATE OF CALIFORNIA PETE WILSON, Governor

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

June 21, 1994

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

#94-14

Dear Mr. Asbury:

Approval of the OPW 66CIP Inverted Breakaway

You requested California Air Resources Board (CARB) approval of the OPW Model 66CIP reconnectable inverted coaxial breakaway coupling. The OPW 66CIP breakaway is manufactured by Catlow Incorporated as the Catlow Model AV2001 reconnectable inverted coaxial breakaway coupling, and was approved by CARB on June 2, 1994. It is listed in Approval Letter #94-10.

The 66CIP 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 66CIP 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 66CIP 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.

CARB requires 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 for the Catlow AV2001 breakaway have previously been obtained from these agencies.

Based on the fact that the OPW 66CIP inverted coaxial breakaway is the same breakaway which was certified as the Catlow AV2001, I find that its use, when installed in accordance with the manufacturer's instructions, will not adversely affect the performance of vapor recovery systems on which it

is installed. Therefore, the OPW 66CIP reconnectable inverted coaxial breakaway coupling is certified for use with 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,

Mary M. Boyer for

James J. Morgester, Chief
Compliance Division

cc: Mr. Kenneth Kunaniec, Chairman
CAPCOA Vapor Recovery Committee

Mr. Gary Hunter, Manager
CARB Compliance Assistance Section