STATE OF CALIFORNIA

PETE WILSON, Governor

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

April 7, 1993

Jim Asbury
Manager Quality Assurance
Catlow Inc.
2750 US Route 40
Tipp City, Ohio 45371

#93-5

Dear Mr. Asbury:

Approval of Catlow Model AV200 and AV200-1 Breakaways

You requested California Air Resources Board (CARB) approval of the Catlow Model AV200 and AV200-1 inverted coaxial vapor recovery breakaways.

The AV200, AV200-1 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 a single aluminum shear pin (AV200-1), or two shear pins (AV200). The inner assembly, check valves and vapor path are held together within the outer liquid carrying assembly by retaining rings. The coupling halves are designed to separate when subjected to a pull force on the hose assemblies and dispenser. The inlet and outlet connections both consist of female straight threads, 34mm x 1.5.

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 Model AV200 and AV200-1 breakaways will not adversely affect the performance of the Gilbarco VaporVac system (Executive Order #G-70-150). Therefore, the Catlow Model AV200 and AV200-1 inverted coaxial vapor recovery breakaways are certified for use with CARB-certified Gilbarco VaporVac systems (Executive Order # G-10-150). If you have any questions, please call Basharat Iqbal at (916) 324-7343 or Laura McKinney at (916) 327-1525.

Sincerely,

James J. Morgester, Chief
Compliance Division

cc: Vapor Recovery Technical Committee