



Peter M. Rooney
Secretary for
Environmental
Protection

Air Resources Board

Barbara Riordan, Chairman

2020 L Street \$ P.O. Box 2815 \$ Sacramento, California 95812 \$ www.arb.ca.gov



Pete Wilson
Governor

November 23, 1998

Eric Butterfield
Senior Design Engineer
Catlow Inc.
2750 U.S. Route 40
Tipp City, Ohio 45371

Dear Mr. Butterfield:

#98-19

Catlow Model IVC200S Inverted Coaxial Breakaway

This is in response to your request for California Air Resources Board (CARB) approval of the Catlow IVC200S Breakaway Non-Swivel Coupling Assembly.

The Catlow IVC200S Breakaway is equipped with two metric 34 type female fittings. The breakaway is intended for the transfer of gasoline at liquid pressures not exceeding 50 psig. The coupling consists of an aluminum breakaway release that snaps into an outer collar that is attached to the end of a hose. An integral check valve is installed in each unit. When the coupling is subject to a pull force not exceeding 350 pounds, the unit separates. The check valve prevents the escape of vapor from the hose line. The breakaway is to be marked with the direction of flow.

As required by the Certification Procedures for Gasoline Vapor Recovery Systems at Service Stations, the approvals of the three State agencies are a precondition to certification by the Air Resources Board. The appropriate letters of approval have been received and are listed as follows:

- Department of Food and Agriculture,
Division of Measurement Standards
March 12, 1998
- Department of Occupational Safety and Health
March 19, 1998
- Department of Forestry and Fire Protection
Office of the State Fire Marshal
GVRC 005:030:017
October 9, 1998

I find that the Catlow IVC200S Breakaway when installed in accordance with the manufacturer's instructions, will not adversely affect the performance of vapor recovery systems on which they are installed. Therefore, the Catlow ICV200S Breakaway is certified for use with Phase II vapor recovery systems.

If you have any questions or wish to discuss this matter further, please call Joe Guerrero at (916) 324-7343 or Laura McKinney at (916) 327-1525.

Sincerely,

INTERNET VERSION

James J. Morgester, Chief
Compliance Division

cc:
Mr. Jim Johnston, Chairman,
CAPCOA Vapor Recovery Committee
Monterey Bay Unified APCD
24580 Silver Cloud Ct.
Monterey, CA 93940

Lynn Speckert
CARB Compliance Training Section