STATE OF CALIFORNIA

PETE WILSON, Governor

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

March 8, 1995

Mr. Skip Orr
District Manager
Emco Wheaton Incorporated
7178 Canelo Hills Drive
Citrus Heights, California 95610

#95-11

Dear Mr. Orr:

Approval of the Emco Wheaton A5019-001 Inverted Coaxial Breakaway

Mr. Thomas A. Hanna, Design Engineer for Catlow Incorporated, requested California Air Resources Board (CARB) certification of the Emco Wheaton Incorporated Model A5019-001 inverted coaxial breakaway coupling on February 24, 1995. The A5019-001 breakaway is manufactured by Catlow Incorporated as the Catlow Model AV200 inverted coaxial breakaway coupling, and was approved by CARB on April 7, 1993. It is listed in Approval Letter #93-5.

The A5019-001 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 two shear pins. 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, 34m x 1.5.

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 AV200 breakaway have previously been obtained from these agencies.

Based on the fact that the Emco Wheaton A5019-001 inverted coaxial breakaway is the same breakaway which was certified as the Catlow AV200, 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 Emco Wheaton Model A5019-001 inverted coaxial breakaway coupling is certified for use with the following Phase II 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-AA
Tokheim MaxVac	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