



**Winston H. Hickox**  
Secretary for  
Environmental  
Protection

# Air Resources Board

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**Alan C. Lloyd, Ph.D.**  
Chairman

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



**Gray Davis**  
Governor

September 15, 1999

Donald L. Leininger  
OPW Fueling Components  
P.O. Box 405003  
Cincinnati, OH 45240-5003

99-9

Dear Mr. Leininger:

OPW 66TEC Inverted Coaxial Breakaway Without a Vapor Valve

You requested California Air Resources Board (CARB) certification of the OPW 66TEC Inverted Coaxial Breakaway Valve. This breakaway is similar to the OPW 66CAS certified in Approval Letter 96-18, except the OPW 66TEC does not have a vapor valve. The OPW 66TEC breakaway is intended for use with gasoline dispensing systems having a remote check valve at the dispenser. It is used between two hose assemblies to safeguard against excessive pull forces on the hose assembly and dispenser.

The OPW 66TEC breakaway consists of an outer fuel carrying assembly and an inner vapor carrying assembly. The unit consists of a rigid two piece non-swiveling assembly with a fluid check valve in the section attached to the hose from the dispenser. The fuel check valve is maintained open when coupled by the annular bodies of the two components. When coupled, the spring fits into a corresponding machined groove in the male assembly. The coupled halves are designed to separate when subjected to a pull force not exceeding 300 pounds, thus relieving the pull forces on the dispenser and hose assemblies.

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  
February 26, 1999

Department of Forestry and Fire Protection  
Office of the State Fire Marshal  
February 25, 1999 GVRC 005:008:061

I find that the use of the OPW 66TEC inverted coaxial 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 OPW 66TEC inverted coaxial breakaway assembly is certified for use with the following CARB certified Phase II vapor recovery systems:

G-70-150-AD	Gilbarco VaporVac
G-70-164-AA	Hasstech VCP-3A
G-70-188	Catlow ICVN Nozzle System with Gilbarco VaporVac

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 93940-6536