Cal/EPA
California Environmental Protection Agency

Air Resources Board
P.O. Box 2815
2020 L Street
Sacramento, CA
95812-2815

Pete Wilson
Governor

James M. Strock
Secretary for Environmental Protection

November 19, 1996

Bernard J. DeMarkey
District Manager
Civacon
2549 N. Cunningham Ct.
Orange, CA 92667

Dear Mr. DeMarkey:

#96-30

Approval of Civacon Models 60TT, 70TT, and 1711VL Elbows

Your company filed a request for certification on June 27, 1996, for a modified version of the Civacon Model 60TT elbow designated as the 70TT elbow. During a phone conversation with Paul Thalken on July 1, 1996, you stated that Civacon was also interested in obtaining certification of a vapor return line elbow designated as the 1711VL.

The 60TT elbow was previously certified under Executive Order # G-70-97-A. In the Executive Order, the manufacturer of the elbow is listed as OPW. Since certification, OPW has split into two companies, OPW and Civacon. OPW being responsible for Phase II systems and Civacon being responsible for Phase I systems. Because of this division, the next revision of Executive Order G-70-97-A will be modified to include Civacon as a manufacturer of the 60TT Elbow.

The 70TT elbow is a 4 inch nominal ID, quick disconnect elbow with a lever arm handle lock, three site glasses and an internal spring-actuated flapper valve that automatically shuts when the elbow disengages from the storage tank fill-pipe riser. The elbow has internal linkage that opens the flapper valve as the elbow is seated on the fill pipe riser. The lever arm handle locks the elbow onto the fill pipe riser by means of manually rotating it into the locked position.

The 1711VL elbow is a 4 inch nominal ID quick disconnect vapor elbow with a lock mechanism that engages when the elbow is seated on the storage tank vent pipe riser. The elbow is disconnected from the tank vapor pipe riser by manually squeezing the lock release handle. The elbow is threaded on the other end with 3 inch nominal NPT pipe threads to accept a threaded 3 inch male vapor return line.

As required by CARB certification procedures, you requested the approval of the Division of Occupational Safety and Health (DOSH), the Department of Forestry and Fire Protection, Office of the State Fire Marshal (SFM), and the Department of

Recycled Paper

Agriculture, Division of Measurement Standards (DMS). The necessary approvals for the Civacon Models 70TT and 1711VL Phase I Elbows have been obtained from DOSH and the SFM. Approval from the Department of Measurement Standards (DMS) is not required for Phase I fittings.

I find that the use of the Civacon Model 70TT Shut-Off Elbow and the Civacon Model 1711VL Vapor Recovery Elbow, when used in accordance with the manufacturer's instructions will not adversely affect the performance of two point Phase I vapor recovery systems on which it is used. Therefore, the Civacon Model 70TT Shut-Off Elbow and the Civacon Model 1711VL Vapor Recovery Elbow are certified for use with CARB approved two point Phase I vapor recovery systems.

Sincerely,

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

Mr. Gary Hunter, Manager,
CARB Compliance Assistance Section