STATE OF CALIFORNIA

PETE WILSON, Governor

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

February 28, 1994

Craig Boche
Development Engineer
The Goodyear Tire and Rubber Company
P.O. Box 579
Norfolk, Nebraska 68702-0579

#94-4

Dear Mr. Boche:

Approval of the Goodyear Flexsteel with 3/4 Inch Outer Hose

You requested California Air Resources Board (CARB) approval of the Goodyear Flexsteel inverted coaxial vapor recovery hose with 3/4 inch outer product hose.

The Goodyear Tire and Rubber Company's Flexsteel inverted coaxial hose assembly consists of two hoses and is intended for use with vacuum assist vapor recovery systems. The outer hose is designed to handle gasoline dispensed into a vehicle while the inner hose is used for returning displaced gasoline vapors to the service station's underground storage tank. The outer hose consists of a 3/4 inch inner diameter synthetic rubber tube with a brass plated steel wire braid applied directly over the tube. The tube and wire braid are surrounded by a minimum 3/64 inch thick synthetic rubber cover. The maximum pressure rating of the outer hose is 50 psi. Electrical continuity is achieved through the use of a "U" shaped metal staple which is inserted into the cross section of the hose where the metal braid is located and to the outside of the hose before the installation of the hose coupling. Resistance shall be less than 0.5 megohm.

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 Goodyear Flexsteel with 3/4 inch outer hose, 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 Goodyear Tire and Rubber Company's Flexsteel inverted coaxial vapor recovery hose with 3/4 inch outer hose is certified for use with the Hasstech VCP 2/2A (Executive Order #G-70-7-AD); Gilbarco VaporVac (Executive Order #G-70-150-AB); and the Dresser/Wayne WayneVac (Executive Order #G-70-153) vapor recovery systems.

If you have any questions, please call Basharat Iqbal at (916) 324-7343 or Laura Sullivan McKinney at (916) 327-1525.

Sincerely,

James J. Morgester, Chief
Compliance Division

cc: Vapor Recovery Technical Committee