Cal/EPA

California Environmental Protection Agency

Air Resources Board

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

August 30, 1996

Pete Wilson
Governor

James M. Strock
Secretary for Environmental Protection

Jeffrey M. Berger
Dayco Products, Inc.
Springfield Technical Center
Post Office Box 3258
Springfield, Missouri 65808-3258

#96-23

Dear Mr. Berger:

Davco Model 7246 Flex-Ever Ultimate VR Inverted Coaxial Hose with External Spring Guard

You requested California Air Resources Board (CARB) certification of the Dayco 7246 Flex-Ever Ultimate VR vacuum assist vapor recovery hose with spring guard. This hose assembly is similar to the currently certified approved 7246 Flex-Ever Ultimate VR hose (listed in Approval Letter 96-16).

Both hose assemblies consist of a 3/4 inch inner diameter outer liquid hose and a 5/16 inch diameter nylon inner vapor hose. The 7246 Flex-Ever Ultimate VR hose uses a heavy duty hardwall construction design that consists of two textile braids and double helix wires. The only difference between the 7246 Flex-Ever Ultimate VR hose assembly is the addition of an external spring guard approximately 12 inches in length, placed on the inner hose at the nozzle end which protects the inner hose from kinking in extreme applications. Because the only difference between the two hose assemblies is the external spring, which resides outside the vapor path, this will have no effect on the vapor recovery functions. The reinforced 7246 unit is more desirable than the approved 7246 unit, and the vapor paths of both hose assemblies are identical.

As required by CARB certification procedures, the necessary approvals have been obtained from the Division of Occupational Safety and Health, the State Fire Marshal, and the Department of Food and Agriculture, Division of Measurement Standards. I find that the use of the Dayco 7246 Flex-Ever Ultimate VR inverted coaxial hose assembly with spring guard, when installed in accordance with the manufacturer's instructions, will not adversely effect the performance of the vapor recovery system. Therefore, the Dayco Model 7246 Flex-Ever Ultimate VR inverted coaxial hose assembly with spring guard is certified for use with inverted coaxial Phase II vacuum assist vapor recovery systems.

If you have any questions or need assistance, please contact Joe Guerrero at (916) 324-7343 or Laura McKinney at (916) 327-1525.

Sincerely,

James J. Morgester, Chief
Compliance Division

cc: Mr. Jim Johnston, Chairman
CAPCOA Vapor Recovery Committee

Mr. Gary Hunter, Manager
CARB Compliance Assistance Section