



Cal/EPA

California
Environmental
Protection
Agency

December 10, 1997

Wayne Tarpley
Schlumberger Electronic Transactions
1300 Bicentennial Drive
Bonham, TX 75418



Pete Wilson
Governor

Peter M. Rooney
Secretary for
Environmental
Protection

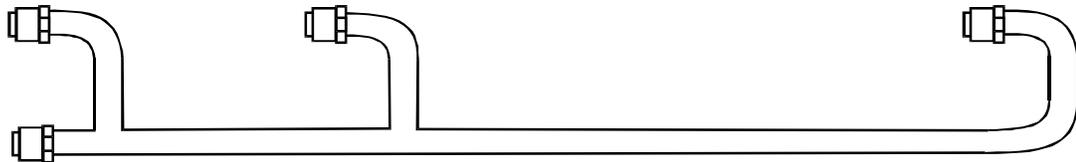
97-18

Dear Mr. Tarpley:

Schlumberger Assisted Vapor Recovery (SAVR) Retrofit Kit

You requested California Air Resources Board (CARB) certification of the Schlumberger Assisted Vapor Recovery (SAVR) Retrofit Kit which upgrades the Centurion Dispensers to vacuum assist. The factory installed configuration is certified in Approval Letter 97-9.

The Schlumberger SAVR Retrofit assemblies utilize the Franklin Electric INTELLIVAC Vapor Assist System and are designed for field retrofit of Schlumberger Centurion Series Dispensers. The SAVR kit consists of a Franklin Vapor Vacuum pump/motor assembly, hose outlets, electrical conduits, interface board, and interface cables. The Centurion vapor return line is connected at the top of the dispenser such that the hose outlet manifold drains downward into a vapor manifold line. Manifolds are only required for multihose dispensers and are available as part of a vapor tubing retrofit kit (if not already installed). This configuration prevents the accumulation of liquid in the vapor path. A typical 3 product vapor manifold line is illustrated below.



As required by the certification Procedures for Gasoline Vapor Recovery Systems at Service Stations, the approvals of the three State agencies is a precondition to certification by the Air Resources Board. The appropriate letters of approval have been obtained from these agencies.

I find that the Schlumberger SAVR Retrofit Assemblies when installed in accordance with the manufacturer's instructions, will not adversely affect the performance of vapor recovery systems on which they are installed. Therefore, the Schlumberger SAVR Retrofit Assemblies are certified for use with Phase II vapor recovery systems.

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

Lynn LaBarber
CARB Compliance Training Section



Air Resources Board

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