STATE OF CALIFORNIA

PETE WILSON, Governor

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

August 16, 1994

Mr. Ronald R. Brilliant
Senior Design Engineer
Product Development
Wayne Division
Dresser Industries, Inc.
Post Office Box 1859
Salisbury, Maryland 21802-1859

#94-17

Dear Mr. Brilliant:

Approval of Inlet Filter Screens in the WayneVac System

You requested California Air Resources Board (CARB) approval of the vapor pump inlet filter screens to address field occurrences where WayneVac Kits are being installed and small particles of debris are entering the vapor pump and causing it to bind. You specifically requested approval of four screens. All four screens are of the same material (stainless steel) and 40 wire mesh. The difference is in the geometrical shape of the screens.

CARB staff subjected one screen version to an operational test of at least 90 days. The filter screens were found to be intact and with minimal contaminants. The screens were also tested for its effects on the WayneVac system performance. The air to liquid ratio test indicated that the screens, even with 90 % of the screen surface area blocked, did not change the performance of the system.

The CARB requires approval by 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 before it can approve a vapor recovery system, modification to a system, or vapor recovery equipment. Confirmation has been received from the three agencies that this modification is acceptable.

I find that the use of the following inlet filter screens, 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 they are installed. Based on this conclusion and the tests conducted by CARB staff, the

L10652 inlet filter screen (thumbnail style) CARB tested screen;
XP1279 inlet filter screen (basket style);

B-X11870-001 assembly, washer and screen (concave style), and;
B-X11918-001 assembly, washer and screen (flat style)

are certified for use with CARB certified WayneVac Systems and WayneVac retrofit kits as specified in Executive Order G-70-153-AA.

Should you have any questions or need further assistance, please contact Mr. Jorge Fernandez at (916) 445-0383 or Ms. Laura Sullivan McKinney at (916) 327-1525.

Sincerely,

James J. Morgester, Chief
Compliance Division

cc: Mr. Kenneth Kunaniec, Chairman
CAPCOA Vapor Recovery Committee

Mr. Gary Hunter, Manager
CARB Compliance Assistance Section