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

PETE WILSON, Governor

October 31, 1995

Mr. Tom Claussen
Senior Electronics Engineer
Tokheim Corporation
10501 Corporate Drive
Fort Wayne, Indiana 46845

#95-36

Dear Mr. Claussen:

Approval of the Thomas Industries Pump for use with The MaxVac System

You requested California Air Resources Board (CARB) certification of the Thomas Industries Model VR-0020/991139 vapor pump for use with the Tokheim MaxVac vapor recovery system. The MaxVac system was CARB certified on June 9, 1994, and is listed in Executive Order G-70-154.

The Thomas Model VR-0020/991139 is a power operated vacuum pump intended to be installed in a flammable liquid dispensing device with vapor recovery capability and which contains a suitable controller. The unit is designed to be powered by two separate sources. One source powers the electronic controller unit and the other source drives the vapor pump motor.

The function of the Thomas Industries Model VR-0020/991139 pump is to assist in the removal of gasoline vapors from the vehicle being fueled to an underground storage tank. The pumps shall be installed either at the factory or in the field as part of the MaxVac Systems Retrofit Kit. As required by the California State Fire marshal (CSFM), either installation shall be in accordance with CSFM certification, Underwriters Laboratories (UL) limitations and the manufacturer's installation requirements. The recognized company's name, model number and electrical rating shall be applied on a self-adhesive label or metal nameplate applied to the pump. The direction of flow shall be cast with "IN" and "OUT" near each port in the endplate.

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 Thomas Pump, when installed in accordance with the manufacturer's instructions and the conditions listed above, will not adversely affect the performance of the MaxVac vapor recovery system on which it is installed. Therefore, the Thomas Industries Model

VR-0020/991139 vapor pump is certified for use with the CARB approved Tokheim MaxVac vapor recovery system as listed in Executive Order G-70-154.

Should you have any questions or need further assistance, please contact Mr. Basharat Iqbal at (916) 324-7343 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