STATE OF CALIFORNIA

PETE WILSON, Governor

AIR RESOURCES BOARD
?020 L STREET
O. BOX 2815
SACRAMENTO, CA 95812

July 24, 1995

Mr. George R. Cockram
Director of Retail Engineering
Emco Wheaton Incorporated
3800 Gateway Centre Boulevard
Suite 301
Morrisville, North Carolina 27560

#95-26

Dear Mr. Cockram:

Approval of Modifications to the Emco 4000 Series Nozzles

You requested California Air Resources Board (CARB) certification of modifications made to your new and rebuilt A4000 series vapor recovery nozzles. The modifications to the nozzle affect the vacuum diaphragm and the main valve poppet assembly.

The vacuum diaphragm change uses a different style membrane instead of the present style. You believe the new style is more efficient in its operation and results in a more reliable product. You believe the main valve poppet modification also improves the quality and reliability of the unit.

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 modifications to the vacuum diaphragm and main valve poppet assembly will not adversely affect the performance of the A4000 Series nozzles on which they are installed. Therefore, the modifications to the vacuum diaphragm and main valve poppet assembly are certified as alternate constructions for CARB certified Emco Wheaton new and rebuilt A4000 Series vapor recovery nozzles.

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