State of California
AIR RESOURCES BOARD

Executive Order G-70-101

Certification of E-Z Flo Nozzle
Model 3003 and Model 3005
Vapor Recovery Nozzles
and Vapor Recovery Nozzle Components

WHEREAS, the Air Resources Board (the "Board") has established, pursuant to Sections 39600, 39601, and 41954 of the Health and Safety Code, certification procedures for systems designed for the control of gasoline vapor emissions during motor vehicle fueling operations ("Phase II vapor recovery systems") in its "Certification Procedures for Gasoline Vapor Recovery Systems at Service Stations", adopted March 30, 1976 and amended August 25, 1977 and December 4, 1981 (the "Certification Procedures"), incorporated by reference in Section 94001 of Title 17, California Administrative Code;

WHEREAS, the Board has established, pursuant to Sections 39600, 39601, and 41954 of the Health and Safety Code, test procedures for determining compliance of Phase II vapor recovery systems with emission standards in its "Test Procedures for Determining the Efficiency of Gasoline Vapor Recovery Systems at service stations", adopted on December 9, 1975 and amended on March 30, 1976, August 9, 1978, December 4, 1981 and September 1, 1982 (the "Test Procedures"), incorporated by reference in Section 94000 of Title 17, California Administrative Code;

WHEREAS, Friedman Marketing Corporation doing business as E-Z Flo Nozzle, hereinafter referred to as "E-Z Flo", has applied for certification of the following:

1. E-Z Flo rebuilt Emco Wheaton Models A3003 and A3005 balance nozzles for use with existing balance Phase II vapor recovery systems. The balance nozzle consists of an Emco Wheaton Model A3003 or A3005 nozzle body and E-Z Flo manufactured components for the nozzle core and the front end of the nozzle, and

2. E-Z Flo manufactured components for the front end of Emco Wheaton Models A3003 and A3005 vapor recovery nozzles ("manufactured components");

WHEREAS, the E-Z Flo rebuilt balance nozzles and manufactured components have been evaluated pursuant to the Certification Procedures and Test Procedures;

WHEREAS, Section VII-A of the Certification Procedures provides that the Executive Officer shall issue an order of certification if he or she determines that a vapor recovery system conforms to all of the requirements set forth in Sections I through VII;

WHEREAS, I find that the E-Z Flo balance nozzles and manufactured components, except for E-Z Flo front and rear nozzle boots, when used with the existing balance Phase II vapor recovery systems, conform with all of the requirements set forth in Sections I through VII of the Certification Procedures as amended on December 4, 1981, and would result in vapor recovery systems that are at least 95 percent effective for attendant and/or self-serve use at gasoline service stations when used in conjunction with Phase I vapor recovery systems that have been certified by the Board;

WHEREAS, I find that evaluations of E-Z Flo's production facility and the nozzles and manufactured components set forth in this Executive Order by a State Fire Marshal approved independent inspection service agency, which evaluations include on-site inspections of the production facility, nozzles, and manufactured components at least four times per year, are necessary to ensure that E-Z Flo maintains the level of quality exhibited in its nozzles and manufactured components used in certification testing; and

WHEREAS, I find that it is necessary for each E-Z Flo nozzle and manufactured component to be marked such that it is clear that the nozzles and manufactured components were rebuilt or manufactured by E-Z Flo.

NOW, THEREFORE, IT IS HEREBY ORDERED that the E-Z Flo Models 3003 and 3005 balance nozzles, faceplates and other nozzle components, except for the front and rear nozzle boots, are hereby certified for use with existing balance Phase II vapor recovery systems subject to the following:

1. The maximum gasoline dispensing rate through the nozzles shall be 10 gallons per minute;

2. All nozzles and components shall be clearly marked as shown in Exhibit 1 so as to identify that they were provided by E-Z Flo; and

3. E-Z Flo must enter into an agreement with a State Fire Marshal approved independent inspection service agency within 30 days after this Executive Order is issued. The agreement shall, at a minimum, provide for an initial evaluation of E-Z Flo's production facility and products certified in this Executive Order, and for quarterly on-site inspections of the product facility and products certified in this Executive Order. Initial testing must be completed within ninety (90) days after this Executive Order is issued and quarterly inspections must begin within one hundred and eighty (180) days after this Executive Order is issued.

IT IS FURTHER ORDERED that compliance with the applicable certification requirements and rules and regulations of the Division of Measurement Standards, the State Fire Marshal's Office and the Division of Occupational Safety and Health of the Department of Industrial Relations is made a condition of this certification.

IT IS FURTHER ORDERED that the nozzles and manufactured components certified hereby shall perform in actual use with the same effectiveness as the certification test nozzles and manufactured components.

IT IS FURTHER ORDERED that any alteration of the equipment, parts, design, or operation of the configurations certified hereby, is prohibited, and deemed inconsistent with this certification, unless such alteration has been approved by the undersigned, or the Executive Officer's designee.

IT IS FURTHER ORDERED that the E-Z Flo nozzles shall be 100 percent performance checked at the factory including checks of proper operation in all aspects of performance.

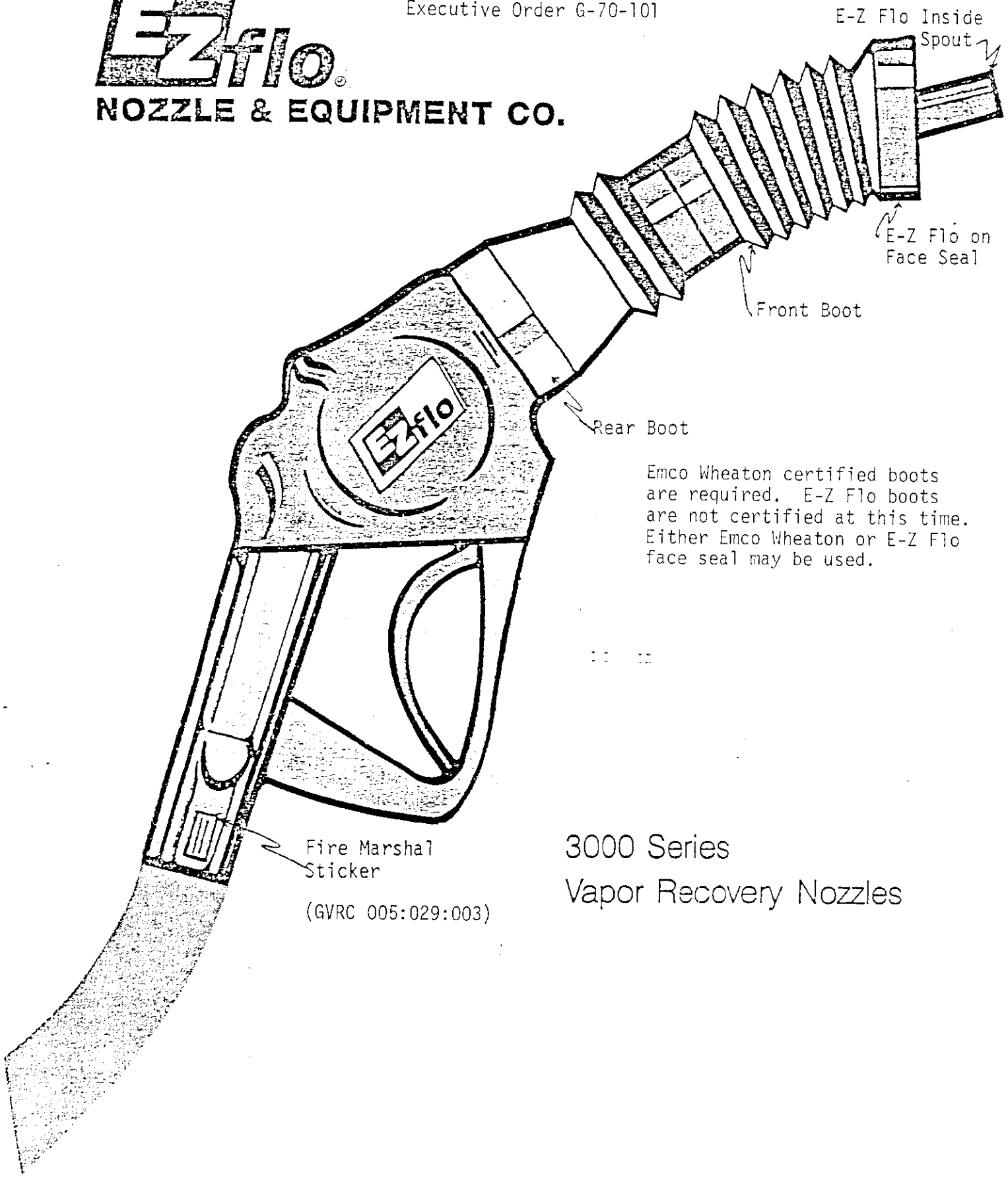
Executed at Sacramento, California this 17 day of March 1985.

James D. Boyd
Executive Officer

Exhibit 1

Executive Order G-70-101

EZflo®
NOZZLE & EQUIPMENT CO.



Emco Wheaton certified boots are required. E-Z Flo boots are not certified at this time. Either Emco Wheaton or E-Z Flo face seal may be used.

(GVRC 005:029:003)

3000 Series
Vapor Recovery Nozzles