

State of California
AIR RESOURCES BOARD

Executive Order G-70-70-AC

Modification of Certification of the
Healy Phase II Vapor Recovery System
for Gasoline Dispensing Facilities

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" as last amended December 4, 1981 (the "Certification Procedures"), incorporated by reference in Section 94001 of Title 17, California Code of Regulations;

WHEREAS, the Board has established, pursuant to Sections 39600, 39601 and 41954 of the Health and Safety Code, test procedures for determining the 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" as last amended September 1, 1982 (the "Test Procedures"), incorporated by reference in Section 94000 of Title 17, California Code of Regulations;

WHEREAS, James W. Healy of Healy Systems, Inc., has requested certification of modifications to the Healy Phase II vapor recovery systems, including the Healy Model 400 vapor recovery nozzle and higher vacuum level setting; and

WHEREAS, the modified Healy Phase II vapor recovery system with higher vacuum level settings and associated modifications, and the Model 400 nozzle, has been evaluated pursuant to the Board's Certification Procedures and Test Procedures; and

WHEREAS, I find that the modified Healy Phase II vapor recovery system conforms with all the requirements set forth in Sections I through VII of the Certification Procedures, and results in a vapor recovery system which is at least 95 percent effective for attendant and/or self-serve use at gasoline service stations when used in conjunction with a Phase I vapor recovery system which has been certified by the Board; and

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

NOW THEREFORE, IT IS HEREBY ORDERED that the certification, Executive Order G-70-70-AB, issued October 2, 1986, is hereby modified to incorporate the Healy Model 400 vapor recovery nozzle, vacuum level adjustment and associated modifications.

Certification Executive Order G-70-70-AC

IT IS FURTHER ORDERED that the modified system is certified to be at least 95 percent effective in the self-serve and/or attendant use at gasoline service stations when used with a Board-certified Phase I vapor recovery system. A list of the equipment certified for use with the Healy vapor recovery system may be found in Exhibit 1. An ordering guide detailing the product codes of certified hoses, swivels and breakaways is in Exhibit 2. The specifications for the Healy System with Model 100 jet pumps are contained in Exhibit 3. The specifications for the Healy System with a central vacuum unit are contained in Exhibit 4. The Healy System vapor return leak tightness test procedure comprises Exhibit 5.

IT IS FURTHER ORDERED that the Healy vapor recovery nozzles certified herein must be capable of fueling, without the use of nozzle spout extenders, any motor vehicle that may be fueled at service stations not equipped with vapor recovery systems.

IT IS FURTHER ORDERED that compliance with the certification requirements and rules and regulations of the Division of Measurement Standards of the Department of Food and Agriculture, 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 systems certified hereby shall perform in actual use with the same effectiveness as the certification test systems. Compliance with this performance criterion shall be a condition of this certification, and failure to meet this criterion shall constitute grounds for revocation, suspension or modification of this certification.

IT IS FURTHER ORDERED that the certified Healy Phase II vapor recovery systems shall, at a minimum, be operated in accordance with the manufacturer's recommended maintenance intervals and shall use the manufacturer's recommended operation, installation, and maintenance procedures.

IT IS FURTHER ORDERED that the following requirements are made a condition of certification for any installation with a central vacuum unit (Model 8500 Multi-Jet or Model 9000 Mini-Jet) which was installed or modified to increase the vacuum level setting after July 1, 1992, or for any installation with a central vacuum unit for which the normal operating level is greater than 40" water column. The owner or operator of the installation shall conduct the leak test in Exhibit 5 of this Order at least once in each twelve month period. Test results which demonstrate that the installation is leak free as specified in Exhibit 5 shall be submitted to the local district. The local district may impose more stringent test frequency requirements or test procedures.

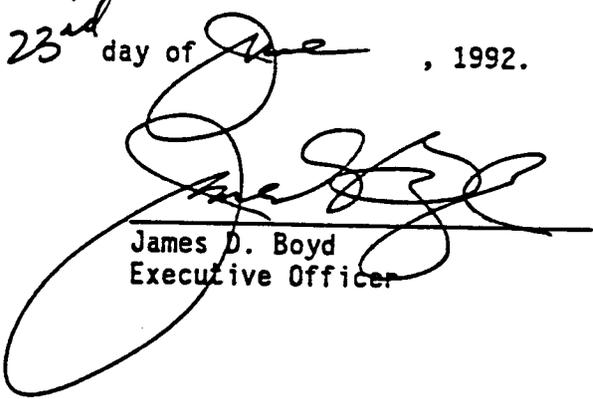
IT IS FURTHER ORDERED that any alteration of the equipment, parts, design, or operation of the systems certified hereby, is prohibited, and deemed inconsistent with this certification, unless such alteration has been approved by the Executive Officer or his/her designee.

Certification Executive Order G-70-70-AC

IT IS FURTHER ORDERED that the Healy Phase II vapor recovery nozzles, jet pumps (Model 100 Jet Pump, Model 8500 Multi-Jet and Model 9000 Mini-Jet) and control valves shall be 100 percent performance checked at the factory including checks of proper operation of all aspects of performance.

IT IS FURTHER ORDERED that the certified Healy Phase II vapor recovery system shall be performance tested during installation for ability to dispense gasoline and collect vapors without difficulty in the presence of the station manager or other responsible individual. The station manager, owner or operator shall also be provided with instructions on the proper use of the Healy Phase II vapor recovery system, its repair and maintenance, and where system replacement and system components can be readily obtained. A copy of the Healy Phase II vapor recovery system warranty shall be made available to the station manager, owner or operator.

Executed at Sacramento, California this 23rd day of Dec, 1992.



James D. Boyd
Executive Officer

Attachments