State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER VR-202-A

Healy Systems, Inc. Phase II
Enhanced Vapor Recovery (EVR) System
Including Veeder-Root In-Station Diagnostics (ISD) System

WHEREAS, the California Air Resources Board (ARB) has established, pursuant to California Health and Safety Code sections 25290.1.2, 39600, 39601 and 41954, certification procedures for systems designed for the control of gasoline vapor emissions during motor vehicle fueling operations (Phase II EVR vapor recovery systems) in its CP-201, ***Certification Procedure for Vapor Recovery Systems at Gasoline Dispensing Facilities*** (Certification Procedure) as last amended February 9, 2005, incorporated by reference in title 17, California Code of Regulations, section 94011;

WHEREAS, ARB has established, pursuant to California Health and Safety Code sections 39600, 39601, 39607, and 41954, test procedures for determining the compliance of Phase II vapor recovery systems with emission standards;

WHEREAS, Healy Systems, Inc. (Healy) requested certification of the Healy Systems, Inc. Phase II Enhanced Vapor Recovery (EVR) System (Healy Phase II EVR System Including Veeder-Root In-Station Diagnostics (Veeder-Root ISD));

WHEREAS, the Certification Procedure provides that the ARB Executive Officer shall issue an Executive Order if he or she determines that the vapor recovery system conforms to all of the applicable requirements set forth in the Certification Procedure;

WHEREAS, I, Catherine Witherspoon, California Air Resources Board Executive Officer, find that the Healy Phase II EVR System Including Veeder-Root ISD conforms with all requirements set forth in the Certification Procedure, including compatibility when fueling vehicles equipped with onboard refueling vapor recovery systems, and results in a vapor recovery system which is at least 95.0 percent efficient and shall not exceed 0.38 pounds of hydrocarbons per 1,000 gallon of gasoline transferred when tested pursuant to TP-201.2, ***Efficiency and Emission Factor for Phase II Systems*** (October 8, 2003);

NOW, THEREFORE, IT IS HEREBY ORDERED that the Healy Phase II EVR System Including Veeder-Root ISD is certified to be at least 95 percent efficient and does not exceed 0.38 pounds of hydrocarbon per 1,000 gallons of gasoline transferred in attended and/or self-service mode when used with an ARB-certified

Phase I vapor recovery system and installed operated, and maintained as specified herein and in the following exhibits. Exhibit 1 contains a list of the equipment certified for use with the Healy Phase II EVR System Including Veeder-Root ISD. Exhibit 2 contains the performance standards, specifications, typical installation drawings and maintenance intervals applicable to the Healy Phase II EVR System Including Veeder-Root ISD as installed in a gasoline dispensing facility (GDF). Exhibit 3 contains the manufacturing specifications. Exhibit 4 is the test procedure for verifying performance of the Healy Clean Air Separator. Exhibit 5 is the vapor to liquid ratio test procedure for verifying performance of the Healy 900 Nozzle. Exhibit 6 is the Healy and Veeder-Root ISD Phase II EVR System Limited Warranty. Exhibit 7 is the nozzle bag test procedure. Exhibit 8 provides Required Items in conducting TP-201.3. Exhibit 9 is the ISD Operability Test Procedure.

IT IS FURTHER ORDERED that compliance with the applicable certification requirements, rules and regulations of the Division of Measurement Standards of the Department of Food and Agriculture, the Office of the State Fire Marshal of the Department of Forestry and Fire Protection, the Division of Occupational Safety and Health of the Department of Industrial Relations, and the Division of Water Quality of the State Water Resources Control Board is made a condition of this certification.

IT IS FURTHER ORDERED that Healy shall provide a warranty for the vapor recovery system and components to the initial purchaser. The warranty shall be passed on to each subsequent purchaser within the warranty period. The manufacturer of components listed in Exhibit 1 not manufactured by Healy Systems, Inc. or Veeder-Root shall provide a warranty to each of their components certified herein. The warranty shall include the ongoing compliance with all applicable performance standards and specifications and shall comply with all warranty requirements in Section 9.2 of the Certification Procedure. Healy or other manufacturers may specify that the warranty is contingent upon the use of trained installers.

IT IS FURTHER ORDERED that every certified component manufactured by Healy Systems, Inc. and Veeder-Root shall be performance tested by the manufacturer as provided in Exhibit 3.

IT IS FURTHER ORDERED that the certified Healy Phase II EVR System Including Veeder-Root ISD shall be installed, operated, and maintained in accordance with the ***ARB Approved Installation, Operation, and Maintenance Manual for the Healy Phase II EVR System Including Veeder-Root ISD System.*** A copy of this Executive Order and the ***ARB Approved Installation, Operation and Maintenance Manual for the Healy Phase II EVR System***

Including Veeder-Root ISD System shall be maintained at each GDF where a Healy Phase II EVR System Including Veeder-Root ISD is installed.

IT IS FURTHER ORDERED that equipment listed in Exhibit 1, shall be clearly identified by permanent identification number showing the manufacturer's name and model number unless exempted in writing by the Executive Officer or the Executive Officer delegate.

IT IS FURTHER ORDERED that any alteration in the equipment parts, design, installation, or operation of the system certified hereby is prohibited and deemed inconsistent with this certification, unless the alteration has been submitted in writing and approved in writing by the Executive Officer or Executive Officer delegate.

IT IS FURTHER ORDERED that the following requirements are made a condition of certification. The owner or operator of the Healy Phase II EVR System Including Veeder-Root ISD shall conduct and pass the following tests no later than 60 days after startup and at least once in each twelve month period, using the following test procedures: TP-201.3, ***Determination of 2 Inch WC Static Pressure Performance of Vapor Recovery Systems of Dispensing Facilities*** (March 17, 1999)***;*** Exhibit 8***, Required Items in Conducting TP-201.3;*** Exhibit 4, ***Determination of Static Pressure Performance of the Healy Clean Air Separator;*** Exhibit 5, ***Vapor to Liquid Volume Ratio for Healy Including Veeder-Root ISD Phase II EVR System;*** and Exhibit 9, ***ISD Operability Test Procedure***. Shorter time periods may be specified in accordance with local district requirements. Notification of testing, and submittal of test results, shall be done in accordance with local district requirements and pursuant to policies established by that district. Alternative test procedures, including most recent versions of the test procedures listed above, may be used if determined by the ARB Executive Officer or Executive Officer delegate, in writing, to yield equivalent results.

IT IS FURTHER ORDERED that the following requirements are made a condition of certification. The owner or operator of the Healy Phase II EVR System Including Veeder-Root ISD shall conduct, and pass, the following tests no later than 60 days after startup using Exhibit 7, ***Nozzle Bag Test Procedure.*** TP-201.4, ***Dynamic Back Pressure*** (July 3, 2002) shall be conducted in accordance with the conditions listed in item 1 of the Vapor Recovery Piping Configurations section of Exhibit 2. Local districts have the authority to require conducting of Exhibit 5, ***Vapor to Liquid Volume Ratio for Healy Including Veeder-Root ISD Phase II EVR System***, in lieu of TP-201.4, ***Dynamic Back Pressure*** (July 3, 2002) provided that at least 2 gallons of product are introduced into the system through each dispenser riser prior to conducting the test. Notification of testing, and submittal of test results, shall be done in accordance with local district requirements and pursuant to the policies established by that

district. Alternative test procedures, including most recent versions of the test procedures listed above, may be used if determined by the ARB Executive Officer or Executive Officer delegate, in writing, to yield equivalent results.

IT IS FURTHER ORDERED that, except as provided above, local districts at their option will specify the testing frequency of the nozzle vapor valves. If nozzle vapor valve tests are required by the district, the test shall be conducted in accordance with Exhibit 7, ***Nozzle Bag Test Procedure***.

IT IS FURTHER ORDERED that the Healy Phase II EVR System Including Veeder-Root ISD shall be compatible with fuels in common use in California at the time of certification and any modifications to comply with future California fuel requirements shall be approved in writing by the Executive Officer or Executive Officer delegate.

IT IS FURTHER ORDERED that the certification of the Healy Phase II EVR System Including Veeder-Root ISD is valid through September 1, 2009.

Executed at Sacramento, California, this 31 day of August 2005.

Catherine Witherspoon
Executive Officer

Attachments:

Exhibit 1	Equipment List
Exhibit 2	System Specifications
Exhibit 3	Manufacturer Performance Standards and Specifications
Exhibit 4	Determination of Static Pressure Performance of the Healy Clean Air Separator
Exhibit 5	Vapor to Liquid Volume Ratio for Healy Phase II EVR System
Exhibit 6	Healy Phase II EVR System Limited Warranty
Exhibit 7	Nozzle Bag Test Procedure
Exhibit 8	Required Items in Conducting TP-201.3
Exhibit 9	ISD Operability Test Procedure