Executive Order VR-202-A
Healy Phase II EVR System
Including Veeder-Root ISD System

Exhibit 3

Part I - Healy Manufacturing Performance Standards and Specifications

The Healy Phase II EVR System Including Veeder-Root ISD and all components shall be manufactured in compliance with the performance standards and specifications in CP-201 (amended February 9, 2005), as well as the requirements specified in this Executive Order. All components (Exhibit 1) shall be manufactured as certified; no change to the equipment, parts, design, materials or manufacturing process shall be made unless approved in writing by the Executive Officer or Executive Officer delegate. Unless specified in Exhibit 2 or in the ARB Approved Installation, Operation and Maintenance Manual for the Healy Phase II EVR System Including Veeder-Root ISD System, the requirements of this section apply to the manufacturing process and are not appropriate for determining the compliance status of a gasoline dispensing facility.

1. NOZZLES

Every nozzle shall be tested at the factory. Every nozzle shall have affixed to it a card or label stating the performance specifications listed below, and a statement that the nozzle was tested to, and met, the following specifications.

   a. The nozzle vapor valve leak rate shall not exceed 0.038 cubic feet per hour (CFH) at a pressure of +2 inches H<sub>2</sub>O when tested in accordance with the latest version of TP-201.2B.

   b. The nozzle vapor valve leak rate shall not exceed 0.10 CFH at a vacuum of -100 inches H<sub>2</sub>O when tested in accordance with the latest version of TP-201.2B.

   c. The nozzle automatic shut off feature is tested at all three full service clip settings as well as handheld in accordance with Underwriters Laboratories (UL) Standard 842.

   d. The nozzle is tested in accordance with the California Department of Food and Agriculture Division of Measurement Standards Article 2 (DMS 6-6-97).
e. The nozzle is manufactured to the specifications that passed all tests conducted during the ARB certification for the following:

   TP-201.2C - Spillage from Phase II Systems
   TP-201.2D - Post Fueling Drips From Nozzles
   TP-201.2E - Gasoline Liquid Retention in Nozzles and Hoses

f. The nozzle is manufactured to meet the Vapor to Liquid Ratio as specified in Exhibit 2.

g. The terminal end of each nozzle shall be manufactured in accordance with the specifications referenced in Section 4.7.3 of CP-201.

2. INVERTED COAXIAL HOSES

a. Every inverted coaxial hose is tested for continuity and pressure tests in accordance with UL Standard 330.

3. HOSE ADAPTERS

a. Every hose adapter is tested for continuity and pressure tests in accordance with UL Standard 567.

4. RECONNECTABLE BREAKAWAY COUPLINGS

a. Every reconnectable breakaway coupling is tested for continuity and pressure tests in accordance with UL Standard 567.

5. FLOW LIMITER

a. Every flow limiter is tested to 50 pounds per square inch (psi) liquid pressure to verify maximum gasoline flow rate limited to 10.0 gpm.

6. VP1000 VACUUM PUMPS

a. Every vacuum pump is pressure tested in accordance with UL Standard 79.

b. The VP1000 vacuum pump is manufactured to the exact specifications that passed all tests conducted during the ARB certification.

c. Every MC100 control module is tested in the factory to verify proper operation.
7. TANK PRESSURE MANAGEMENT SYSTEM
   a. The Clean Air Separator tank is designed, constructed, tested, inspected
      and stamped per the American Society of Mechanical Engineers (ASME)
   b. Every Clean Air Separator bladder is performance and pressure tested to
      ensure its integrity.

8. PRESSURE/VACUUM (P/V) VENT VALVES FOR UST VENT PIPES
   a. Every P/V vent valve is performance tested at the factory for cracking
      pressure and leak rate at each specified pressure setting and shall be
      done in accordance with TP-201.1E, Leak Rate and Cracking Pressure of
      Pressure/Vacuum Vent Valves. Each P/V vent valve shall be shipped with
      a card or label stating the performance specifications listed below, and a
      statement that the valve was tested to, and met, these specifications.
      1. The pressure settings for the P/V vent valve
         Positive pressure setting of 3.0 ± 0.5 inches H₂O.
         Negative pressure setting of –8.0 ± 2.0 inches H₂O.
      2. The leak rate for each P/V vent valve, including connections, shall
         not exceed:
         0.05 CFH at 2.0 inches H₂O.
         0.21 CFH at –4.00 inches H₂O.
   b. Each P/V vent valve shall have permanently affixed to it a yellow or gold
      label with black lettering listing the positive and negative pressure settings
      specified above. The lettering of the label shall be a minimum font size of
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Part II - Veeder-Root ISD Manufacturing Performance Standards and
Specifications

The Veeder-Root ISD System and all components shall be manufactured in compliance
with the performance standards and specifications in CP-201 (amended July 22, 2004),
as well as the requirements specified in this Executive Order. All components (Exhibit
1) shall be manufactured as certified; no change to the equipment, parts, design,
materials or manufacturing process shall be made unless approved in writing by the
Executive Officer or Executive Officer delegate. Unless specified in Exhibit 2 or in the
ARB Approved Installation, Operation and Maintenance Manual for the Healy Phase II EVR System Including Veeder-Root ISD System, the requirements of this section apply to the manufacturing process and are not appropriate for determining the compliance status of a gasoline dispensing facility.

1. TLS CONSOLE
   
   c. Every Veeder-Root TLS Console equipped with MAG Series Tank Inventory Probe Sensor is built, tested and manufactured as an Automatic Tank Gauge System. The TLS Console has been third-party tested by Midwest Research Institute as a UST fuel leak detection system meeting Volumetric Tank Tightness Testing Method standards.

   d. Every Veeder-Root TLS Console has been designed and manufactured to have an Operating Temperature Range of 32°F to 104°F (0°C to 40°C) and Storage Temperature Range of –40°F to 162°F (-40°C to +74°C).

   e. Every Veeder-Root TLS Console system including software, sensors and modules have been designed and is Underwriters Laboratories (UL), Canadian Standards Association (CSA), and Canadian Underwriters Laboratories (cUL) approved for operation near potentially hazardous fuel storage tanks.

   f. Every TLS Console system including software, sensors and modules have been designed and tested in accordance with ISO-9001 manufacturing quality standards.

2. ISD SOFTWARE
   
   a. Every Veeder-Root TLS Console with ISD software is manufactured to the specifications that passed the operational test and is compliant with CP-201 ISD performance standards and specifications.

   b. Every Veeder-Root TLS Console with ISD software has been designed, manufactured and tested to continually monitor the connectivity and operability status of all ISD sensors and modules. All TLS Console ISD software has been designed, manufactured and tested to issue a visual, audible as well as printed notification upon failure of the connectivity or operability status of ISD sensors and modules.
3. VAPOR FLOW METER
   a. Every Veeder-Root ISD Vapor Flow Meter is designed, tested and manufactured to interface to the TLS Console system. The ISD Vapor Flow Meter has been designed and tested for measuring flow between 1 - 30 GPM in HC concentrations between 0 – 100% saturation across a – 40°F to 150°F (-40°C to 65°C) operating range.

4. VAPOR PRESSURE SENSOR
   d. Every Veeder-Root ISD Vapor Pressure Sensor is designed, tested and manufactured to interface to the TLS Console system. The ISD Vapor Pressure Sensor has been designed and tested for measuring vapor pressure between –5 to +5 IWC in HC concentrations between 0 – 100% saturation across a –40°F to 150°F (-40°C to 150 °C) operating range.

5. TANK INVENTORY PROBE SENSOR
   a. Every Veeder-Root MAG Series Tank Inventory Probe Sensor is designed, tested and manufactured to interface to the TLS Console System. The MAG Series Tank Inventory Probe Sensor has been designed and tested to have an Operating Temperature Range of 32°F to 104°F (0°C to 40°C) and Storage Temperature Range of –40°F to 162°F (-40°C to +74°C).

6. TLS CONSOLE MODULES
   a. Every Veeder-Root TLS Console system module has been designed and tested to interface to the TLS Console System. The TLS Console system modules have been designed, tested and manufactured to have an Operating Temperature Range of 32°F to 104°F (0°C to 40°C) and Storage Temperature Range of –40°F to 162°F (-40°C to +74°C).