

## **Modification Highlights for Executive Order VR-203-N**

### **Part I: Executive Order**

#### **All Exhibits**

- Changed title from “VST Phase II EVR System Not Including ISD” to “Balance Phase II EVR System Not Including ISD”
- Changed all footers and headers to reference VR-203-N

#### **Legal Language:**

- Page 1, added “whereas” paragraph describing the nature of the amendment request from Veeder-Root to include the Maintenance Tracker and wireless vapor pressure sensor as optional components;
- Page 1, added “whereas” paragraph describing the nature of the amendment request from VST Phase II EVR System to include the Green Machine Vapor Processor as an alternate processor;
- Page 1, added “whereas” paragraph describing the nature of the amendment request from OPW to include a re-connectable balance breakaway as an alternate component
- Page 1; added “whereas” paragraph describing the nature of the amendment request from EMCO Wheaton Retail to include hanging hardware (nozzle, A4005EVR, and safe break valve, A41119EVR) for use with Franklin Fueling Clean Air Separator;
- Page 2, added references to new Exhibit 15: the VST Green Machine Annual Compliance Test Procedure, and Exhibit 18: Accessing PMC and ISD Parameters at Gasoline Dispensing Facilities (GDFs) with Veeder-Root’s “Maintenance Tracker” Security Feature Installed & Enabled;
- Page 1,2, and 4, changed reference from VR-203-A to M to VR-203-A to N
- Page 4, added references to new Exhibit 15: the VST Green Machine Annual Compliance Test Procedure, and Exhibit 18: Accessing PMC and ISD Parameters at Gasoline Dispensing Facilities (GDFs) with Veeder-Root’s “Maintenance Tracker” Security Feature Installed & Enabled;
- Page 4, change reference from March 20, 2012 for revision M to revision N signature date;
- Page 6, added references to new Exhibit 15: the VST Green Machine Annual Compliance Test Procedure, Exhibit 17 is reserved for future procedure and intentionally left blank, and Exhibit 18: Accessing PMC and ISD Parameters at Gasoline Dispensing Facilities (GDFs) with Veeder-Root’s “Maintenance Tracker” Security Feature Installed & Enabled
- Last page, changed EO expiration date from April 1, 2013 to April 1, 2014 to allow more time for the renewal process.

#### **Exhibit 1:**

- Added OPW Coupling, model 66CLP to the Breakaway category on the Hanging Hardware Equipment List #1;
- Added OPW Coupling, model 66CLP to the Breakaway category on the Hanging Hardware Equipment List #1;
- Added VST Green Machine to Allowable Hanging Hardware and Processor Table under the processor category to be allowed with Veeder-Root ISD;

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- Added the Veeder-Root vapor pressure sensor (wired and wireless) and desiccant to VST Membrane Processor Equipment List #1;
- Added the Veeder-Root vapor pressure sensor (wired and wireless) and desiccant to Veeder-Root - Vapor Polisher Processor Equipment List #2;
- Added a new table, VST Green Machine Processor Equipment List #5;
- Added a new table for Veeder-Root Optional Wireless Component Equipment List;
- Added a new table for the Veeder-Root Maintenance Tracker;
- Added OPW Breakaway figure to Figure 1A-2
- Added Figure 1A-5, Changed header to read: Veeder-Root Vapor Pressure Sensor, and added wired and wireless pressure sensors and dry tube;
- Added new Figures 1A-15 and 1A-16 Veeder-Root Maintenance Tracker Technician Key and Interface Module;
- Added new Figure 1A-17, VST Green Machine Processor;
- Added new Figures for the TLS 350 console
- Added alternate names of the TLS 350 console such as Gilbarco Promax and Red Jacket
- Added EMCO Wheaton Retail nozzle to hardware matrix, approving use with CAS
- Added EMCO Wheaton Retail breakaway to hardware matrix, approving use with all processors

### Exhibit 2:

- Added bullet 2 on page 2 to Breakaway Coupling section for the OPW Breakaway re-connectable;
- Added a new section on page 3 for the VST green Machine Processor;
- Added a new section on page 10 for “System with VST Green Machine Processor”;
- Added a new section for Veeder-Root PMC System Specifications including optional wireless vapor pressure sensor components, maintenance tracker, and training certification requirements;
- Added a new Figure 2B-8 for the VST Green Machine Processor Installation;
- Figures 2B-9 and 2B-10 updated to show Veeder-Root vapor pressure sensor (VPS) wired and wireless models numbers, dry tube. Figures 2B-13 and 2B-14 added to show installation of wireless vapor pressure sensor installed in a dispenser and on vent stack.

### Exhibit 3:

- Revised warranty language for all equipment manufacturers listed; include the full one year warranty from date of installation.

### Exhibit 7:

Added a statement recommending that test be conducted when UST pressure is greater than one inch of water column pressure or less than one inch of water column vacuum.

### Exhibit 4-18:

- Same changes in VR-204-N apply for VR-203-N. For details of the changes in Exhibits 4-18, see VR-204-N modification highlights. The following are new Exhibits:
  - Exhibit 15: VST Green Machine Annual Compliance Test Procedure;
  - Exhibit 17: is reserved for a future procedure and intentionally left blank; and
  - Exhibit 18: Veeder-Root Maintenance Tracker.

**Part II: Changes to ARB Approved Installation, Operation, and Maintenance Manuals (IOM)**

All Sections

- Where applicable, changed title from “VST Phase II EVR Systems Not Including ISD” to “Balance Phase II EVR Systems Not Including ISD”
- Changed all footers and headers to reference VR-203-N

Table of Contents

- Added a new Section 18 for VST Green Machine.
- Added a new section 21 for Veeder-Root Wireless Vapor Pressure Sensor Installation Guide

Section 1

- Revised and re-arranged VST Contractor Requirement Table including changes for the Veeder-Root certification levels.

Section 3

- Added a new section 4 and Figure 24 that show how to view battery on wireless components, and a new Table 5 for the annual inspection requirements for VST Green Machine Processor.

Section 4

- Added Alarm Troubleshooting Summary for Facilities Equipped with VST Green Machine Processor.

Section 5

- Added reference to the OPW re-connectable breakaway.

Section 9

- Added instruction for the OPW re-connectable breakaway.

Section 13

- Throughout document, changed title to “Veeder-Root Vapor Pressure Sensor Installation Guide”

Section 19

- Throughout document, updated document to include wireless vapor pressure sensor

New IOM Sections:

- Added a new section 18 for the VST Green Machine Installation and Maintenance Manual.
- Added a new section 21 for Veeder-Root Wireless Vapor Pressure Sensor Installation Guide