This exhibit contains the installation, maintenance and compliance standards and specifications that apply to the VST Phase II EVR System Including Veeder-Root ISD installed at a gasoline dispensing facility (GDF). All components must be installed, maintained, and operated in accordance with the specifications in the ARB Approved Installation, Operation and Maintenance Manual (IOM). Installation, maintenance and repair of system components, including removal and installation of such components in the course of any required tests, shall be performed by technicians certified by the appropriate manufacturer. Additional certifications may be required in accordance with local district requirements. Provided that there are no other local district requirements, a GDF owner/operator can remove and install nozzles, curb hoses, breakaways, and whip hoses without a manufacturer certification.

**Nozzle**

1. A vapor collection sleeve shall be installed on the VST nozzle at the base of the spout, as shown in Figure 2B-1. A vapor collection bellows shall be installed on the EMCO nozzle at the base of the spout, as shown in Figure 2B-2.

2. The VST Model VST–EVR-NB and EMCO Model A4005EVR nozzles have an integral vapor valve which prevents the loss of vapor from the underground storage tanks, ensures proper operation of the system and prevents the ingestion of air into the system. The performance of the nozzle vapor valve can be determined by items 2.1 or 2.2.

   2.1. The maximum allowable leak rate for the nozzle vapor path, as determined by TP-201.2B, shall not exceed 0.07 cubic feet per hour (CFH) at a pressure of two inches water column (2.00" WC)

   2.2. Verification of the integrity of the vapor valve can be performed on installed nozzles using the nozzle bag test procedure in Exhibit 7.

3. The gasoline flow rate of the nozzle shall be between six (6.0) and ten (10.0) gallons per minute as determined by the applicable provisions of section 6 or 7 of Exhibit 5 or by direct observation for 30 seconds minimum at the maximum hand held position.

**Vapor Collection**

1. The system pressure drop from the nozzle to the UST, as determined by TP-201.4 (Methodology 1) and Exhibit 6, shall not exceed the following:

   - 0.35 inches WC at a flow rate of 60 CFH of Nitrogen; and
   - 0.62 inches WC at a flow rate of 80 CFH of Nitrogen.
Coaxial Hoses

1. The maximum length of the curb hose, breakaway, and whip hose combined shall not exceed fifteen feet as measured from the base of the nozzle to the end of dispenser adapter or dispenser, as appropriate (Reference Exhibit 1, Figure 1A-2).

2. The liquid removal rate shall not be less than five milliliters per gallon (5 ml/gal) as determined by Exhibit 5 when tested with a gasoline flow rate between six (6.0) and ten (10.0) gallons per minute. Liquid removal requirement is applicable to all grade of gasoline.

3. All hoses shall have a permanent marking indicating the liquid pick-up location.

4. Any hose configuration is allowed when installed in accordance with IOM section 8.

Breakaway Couplings

1. The VST breakaway and EMCO safe break couplings are non-reconnecting and shall be replaced following a drive-off.

Flow Limiter

1. No flow limiter is allowed for this system.

VST ECS Membrane Processor

1. The processor vapor integrity shall demonstrate compliance with the static pressure decay criteria of TP-201.3 and Exhibit 4.

2. Unless there is maintenance or testing being conducted on the processor, the processor shall be on and in the automatic vapor processor mode and the three ball valves shall be locked in the open positions shown in Figure 2B-3 for normal processor operation. The handles of the ball valves shall not be removed.

3. Piping to and from the processor shall be sloped 1/8" per foot minimum toward the vent line(s).

4. The hydrocarbon concentration of the ECS membrane processor taken from the Hydrocarbon Diagnostic Report shall be between ± one percent (±1%) for the zero and mid-range gas and ± two percent (±2%) for the high-range gas, when tested in accordance with Exhibit 8.

5. The processor shall activate when the pressure of the underground storage tank is less than or equal to 0.4 inches WC (≤0.4 inches WC) as determined by Exhibit 9.

6. The Vapor Pressure Sensor shall be between +0.2 and –0.2 inches WC when tested in accordance with section 9 of Exhibit 10.
7. The pressure reading from the TLS console shall be within ±0.2 inches WC of the measured ullage UST pressure as determined by section 8 of Exhibit 10.

8. The TLS-350 audible alarm shall be installed at a location that is most likely to be occupied by the station attendant during normal station operation (e.g., cash register).

9. The TLS console controlling the membrane shall have an RS232 port which shall be installed in a location that allows the RS232 port to be easily accessible, and if applicable per district requirements, for use at anytime. A vacant RS232 serial port shall always be available to electronically download reports.

10. The hydrocarbon concentration of the VST ECS Processor shall not exceed twelve percent (12%) as determined by accessing the Vapor Processor Status Report.

**Veeder-Root Vapor Polisher**

1. The carbon type shall be BAX G1500 manufactured by MeadWestvaco.

2. Unless there is maintenance or testing being conducted on the processor, the vapor polisher shall be on and in the automatic vapor processor mode and the inlet ball valve shall be locked in the open position shown in Figure 2B-4 for normal polisher operation. The handle of the ball valve shall not be removed.

3. The pressure reading from the TLS console shall be within ±0.2 inches WC of the measured ullage UST pressure as determined by section 8 of Exhibit 10.

4. The Vapor Pressure Sensor shall be between +0.2 and –0.2 inches WC when tested in accordance with section 9 of Exhibit 10.

5. The Vapor Polisher pressure decrease between starting and ending pressures shall be less than 0.5 inches WC loss when tested in accordance with Exhibit 11. The ending pressure must be greater than 7.0 inches WC. Pressure drop across the Vapor Polisher at 18.0 standard cubic feet per hour flow shall be between 1.69 inches WC and 2.25 inches WC when tested in accordance with Exhibit 11. Differences in temperature readings shall not exceed 10 ºF when tested in accordance with Exhibit 11. The atmospheric pressure sensor reading shall be within 10% of the atmospheric pressure obtained from a local independent source when tested in accordance with Exhibit 11.

6. The hydrocarbon concentration from the vapor polisher outlet shall not exceed 9,000 ppm iso-butane (0.9% by volume iso-butane) when tested in accordance with Exhibit 12.

7. The TLS console controlling the vapor polisher shall have an RS232 port which shall be installed in a location that allows the RS232 port to be easily accessible, and if applicable per district requirements, for use at anytime. A vacant RS232 serial port shall always be available to electronically download reports.
8. Security seal tags must be installed on the vapor polisher. If for any reason the seal tags are damaged or missing, the district may require that Exhibit 11 and Exhibit 12 be conducted and pass prior to installing new security seal tags.

Pressure/Vacuum Vent Valves for Storage Tank Vents

1. All P/V vent valves shall be an ARB certified P/V valve for a Phase I system.

2. At least one pressure/vacuum (P/V) vent valve shall be installed on each tank vent. The maximum number of P/V vent valves allowed and P/V vent valve performance specifications are listed in the applicable Phase I EVR Executive Order. Vent lines may be manifold to minimize the number of P/V vent valves and potential leak sources, provided the manifold conforms to all applicable fire regulations. However, the vents connecting the vapor inlet and vapor outlet to the VST ECS Membrane Processor cannot be manifold together.

Vapor Recovery Piping Configurations

NOTE: Vapor Return Piping shall meet the requirements specified in section 4.11 of CP-201.

1. Vapor Return and Vent Lines

For facilities installed on or after April 1, 2003, all vapor return and vent lines shall be a minimum nominal internal diameter of 2 inches from the dispensers or the vent stacks to the first manifold. All lines after the first manifold and back to the underground storage tank shall have a minimum nominal internal diameter of 3 inches.

Note: Facilities permitted by a local district prior to April 1, 2003 shall be required to meet the three inch diameter standard only upon facility modification which involves the addition, replacement, or removal of 50 percent or more of the buried vapor piping.

2. All vapor return lines shall have a minimum slope of 1/8 inch per foot from the dispenser riser to the riser of the UST. A slope of 1/4 inch or more per foot is recommended wherever feasible.

3. The dispenser shall be connected to the riser with either flexible or rigid material that is listed for use with gasoline. The dispenser-to-riser connection shall be installed so that any liquid in the lines will drain toward the storage tank. The internal diameter of the connector, including all fittings, shall not be less than one inch (1").

Note: The dispenser-to-riser connection is defined as the piping connection between the dispenser piping and the inlet of the dispenser riser. A vapor shear valve may also be part of the riser connection.
4. There is no length restriction for the vapor return piping of the system as long as the system complies with the maximum pressure drop requirement, item 1 of the Vapor Collection section.

5. No product shall be dispensed from any fueling point at a GDF installed with the VST Phase II EVR System if there is a vapor line that is disconnected and open to the atmosphere.

6. No liquid condensate traps or Bulk Plant Operations are allowed with this system.

**Dispensers**

1. The dispenser vapor piping must be sized adequately to meet the maximum pressure drop requirement, item 1 of the Vapor Collection section.

2. Dispenser vapor piping shall be installed so that any liquid in the lines will drain toward the dispenser riser.

**In-Station Diagnostics (ISD)**

1. The gasoline dispensing facility operator/owner shall comply with local district requirements, if any, following a warning by the Veeder-Root In-Station Diagnostics (ISD) system and shut down individual dispensers or submersible pumps to all gasoline tanks by the ISD systems.

2. Suggested Troubleshooting, found in Table 12-3 of the Veeder-Root In-Station Diagnostics (ISD) Install, Setup, and Operation Manual (ARB Approved Installation, Operation, and Maintenance Manual), recommends that certain tests be conducted to verify the cause of the ISD warning or failure alarms. Districts may require that these tests or other tests specified by the districts be conducted in response to the ISD alarms.

3. For this certification, the baseline vapor collection performance value used was 1.0. This value will not be used for enforcement purposes.

4. The table below provides a list of expiration dates for each ISD software version that has been revoked.
ISD System Software Version Expiration Dates

<table>
<thead>
<tr>
<th>Phase II EVR System Description</th>
<th>ISD Manufacturer</th>
<th>Revoked Software Version</th>
<th>Last Date Software May Remain in Use</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>VST (Balance) VR-204 Series</td>
<td>Veeder-Root*</td>
<td>Version 1.01 for Multi-Product (six pack) Dispensers with Fuel Blending</td>
<td>07/01/2012</td>
<td>Only applies to GDFs equipped with multi-product dispensers with fuel blending. Does not apply to GDFs equipped with uni-hose dispensers with fuel blending. Subject GDFs must upgrade to the currently certified software version (1.03 or later)</td>
</tr>
</tbody>
</table>

* Existing GDFs equipped with Veeder Root ISD Software Version 1.02 may remain in use because it has not been revoked. Existing sites equipped with Veeder Root Software Version 1.01 may remain in use if not equipped with multi-product dispenser with fuel blending.

Phase I System

1. The Phase I system shall be an ARB-certified system that demonstrates compliance with the static pressure decay test criteria contained in TP-201.3 and Exhibit 4.

Maintenance Records

1. Each GDF operator owner shall keep records of alarms and maintenance performed at the facility. Such records shall be maintained on site in accordance with district requirements or policies. The records shall include alarm date and time, nature of the alarm, troubleshooting, maintenance or repair performed to validate and/or correct alarms, component, or system failures, date when maintenance or repair was conducted, name and Certified Technician Identification Number of individual conducting maintenance or test, affiliation, and telephone number. Additional information may be required in accordance with local district requirements. An example of a GDF maintenance and alarm record is shown in Figure 2B-16.

2. Maintenance shall be conducted in accordance with the Scheduled Maintenance section of the ARB approved Installation, Operation, and Maintenance Manual.
Vapor Recovery Equipment Defects

The following is deemed a defect for the affected grade point(s) or system.

**Grade Points – VST Nozzles**

1. The grade point shall be removed from service when more than 30% of a nozzle face seal is missing (e.g., a triangular or similar shape in which greater than 2.5 inches of the faceplate circumference is missing (accumulated)).

2. The grade point shall be removed from service when more than 0.375 square inches of a nozzle vapor collection sleeve is missing (e.g., a rectangular shape of greater than nine/sixteenth (9/16) inches or more on each side, a circular shape of eleven/sixteenth (11/16) inches or more in diameter, or a triangular shape of seven/eighth (7/8) inches on the side).

3. The grade point shall be removed from service when the total slit length in the convolutions exceeds 18 inches as determined by direct measurements.

**Grade Points – EMCO Nozzles**

4. The grade point shall be removed from service when more than 0.38 square inches of a nozzle boot face material is missing (e.g., a triangular or similar shape in which greater than 7/16 inches of the boot face circumference is missing (accumulated)).

5. The grade point shall be removed from service when there is slit across seven (7) consecutive bellows convolutions as determined by direct measurements.

6. The grade point shall be removed from service when there is a 360 degree cut around the bellows convolution.

**Grade Points – General**

7. The grade point shall be removed from service when the dispensing rate is greater than ten (10) gallons per minute (gpm) or less than five (5) gpm as determined by the applicable provisions of section 6 or 7 of Exhibit 5 or by direct observation for 30 seconds minimum at the maximum hand held position.

8. The grade point shall be removed from service when a hose is found to have greater than 150 ml of gasoline in the vapor side as determined by sections 6.1 to 6.5 of Exhibit 5. Note: Prior to draining gasoline from the vapor side of the hose, use EMCO tool P/N 494635EVR (for EMCO EVR nozzle) or VST tool P/N VST STP 100 (for VST EVR nozzle) and plug the fuel spout. **Do not activate dispenser when draining gasoline from the vapor side of the hose.**

9. The grade point shall be removed from service when any hose has a visible opening as determined by direct observation.

10. The grade point shall be removed from service when the insertion interlock mechanism allows dispensing when the bellow is uncompressed as determined by direct observation or GDF-09 (see Vapor Recovery Equipment Defects List).
11. The grade point shall be removed from service when the nozzle automatic liquid shut-off mechanisms malfunction in any manner as determined by EPO No. 26-F (See Vapor Recovery Equipment Defects List) or direct observation.

12. The grade point shall be removed from service when any nozzle has a defective vapor valve as determined by Exhibit 7 or when the vapor valve has a leak rate that exceeds 0.07 cubic feet per minute at a pressure of two (2) inches WC as determined by TP-201.2B.

13. The grade point or system shall be removed from service when any component required by this Executive Order is absent, installed improperly or disconnected as determined by direct observation.

**System with VST ECS Processor**

1. Unless there is maintenance or testing being conducted on the VST ECS processor, the system shall be removed from service when the three ball valves on the VST ECS processor are not locked in the proper operating configuration (Figure 2B-3) as determined by direct observation.

2. Unless there is maintenance or testing being conducted on the VST ECS processor, the system shall be removed from service when the ECS membrane processor is not on or in the automatic vapor processor mode as determined by the Diagnostic section of the Pressure Measurement Control (Section 12) of IOM.

**System with Veeder-Root Vapor Polisher**

1. Unless there is maintenance or testing being conducted on the Veeder-Root Vapor Polisher, the system shall be removed from service when the ball valve on the Vapor Polisher is not locked in the proper operating configuration (Figure 2B-4) as determined by direct observation.

2. Unless there is maintenance or testing being conducted on the Veeder-Root Vapor Polisher, the system shall be removed from service when the Vapor Polisher is not in the automatic mode as determined by the Diagnostic section of the Pressure Measurement Control (Section 12) of IOM.
Veeder-Root ISD System Specifications

TLS Console & ISD Software Version Number

The ISD audible alarm shall be installed at a location that is most likely to be occupied by the station attendant during normal station operation (e.g. cash register) to hear the alarm. The TLS console shall be installed in a location that allows the RS232 port to be easily accessible, and if applicable, per district requirements, for use at anytime. A vacant RS232 serial port shall always be available to electronically download reports.

The presence of ISD and the ISD software version number can be verified on the TLS Console LCD screen by using the <STEP> key or by using the TLS Console <PRINT> key to print and review the latest ISD Daily Report. See Figures 2B-5 and 2B-6 for TLS and ISD verification instructions.

The TLS Console must have a printer as well as an RS232 interface port.

If the TLS is equipped with security features which prohibit access to the TLS, instructions to override these security features shall be maintained on site in accordance with air district requirements and shall be available to the air district upon request.

Operability Test Procedure

The Veeder-Root ISD operability test procedure provided in Exhibit 10 and Exhibit 17, and in section 12 of the ARB Approved Installation, Operation and Maintenance Manual (IOM), shall be used at GDF sites to determine the operability of the Veeder-Root ISD system to comply with applicable performance standards and performance specification in CP-201. Testing the ISD equipment in accordance with this procedure will verify the proper selection, setup and operation of the TLS Console sensors and interface modules.

The Vapor Flow Meter

The Veeder-Root ISD system requires one Vapor Flow Meter per dispenser installed in accordance with Section 15 of ARB Approved IOM (Veeder-Root ISD Balance Vapor Flow Meter Manual Installation Guide (577013-916, Rev. B)) for the Veeder-Root ISD System. The Vapor Flow Meter is an intrinsically safe sensor that is wired to the TLS Console Smart Sensor Module via a conduit dedicated to TLS Console low-voltage sensors. Figure 2B-7 shows the ISD Vapor Flow Meter. Figures 2B-12, 2B-13, and 2B-14 show the installation configuration.

The Vapor Pressure Sensor

The Veeder-Root ISD system requires one Vapor Pressure Sensor per GDF installed into one of the dispensers located closest to the tanks (If a row of dispensers are equal distance from the tank pad and within 10’ of each other, any dispenser can be used) in accordance with Section 13 of the ARB Approved IOM Manual. For vapor vent stack installation, determine which vapor vent stack line is closest to the tank being monitored. Select this line for the addition of the pressure sensor. The connection must be BELOW the Veeder-Root Carbon Canister if equipped in accordance with Section 13 of the ARB Approved IOM Manual. Caution: Installation of the pressure sensor on the vapor vent stack is only allowed at facilities equipped with a Veeder-Root Vapor Polisher or Franklin Fueling/Healy Clean Air Separator. The Vapor Pressure Sensor is an intrinsically safe sensor that is wired to the TLS Console Smart Sensor.
Dispenser Interface Module (DIM)

Existing Dispenser Interface Modules or DIM communication cards are used to interface to the
dispenser Point of Sale (POS) or controller system to gather fuel transaction data. The ISD
Operability Test Procedure provided in Exhibit 10 and Exhibit 17 and in Section 4 of the Veeder-
Root ISD Install, Setup and Operation Manual for VST ECS Membrane Processors can be used
to verify the proper selection and setup of the Dispenser Interface Module. See Figure 2B-9 for
a typical Dispenser Interface Module Illustration.

Tank Inventory Probe Sensor

Existing Tank Inventory Probe sensors (one per tank) are used to measure the amount of vapor
space in the Underground Storage Tanks (USTs). The ISD Operability Test Procedure can be
used to verify the proper selection and setup of the Tank Inventory Probes. See Figure 2B-10
for a typical Tank Inventory Probe Sensor.

Shutdown Control

The TLS Console must be wired per the Veeder-Root ISD Install, Setup and Operation
Manual 577013-937 Rev. D of the ARB Approved Installation, Operation and Maintenance
Manual for the VST Phase II EVR System Including the Veeder-Root ISD System such that
it shall automatically prohibit the dispensing of individual dispensers or through shutdown of all
the gasoline turbine pumps during a CP-201 ISD failure alarm. It shall also automatically
prohibit the dispensing of all dispensers during a TLS Console ISD system power loss.

TLS Console Modules

The ISD Operability Test Procedure in Exhibit 10 and Exhibit 17 and in section 12 of ARB
Approved IOM Manual (Section 4 of the Veeder-Root ISD Install, Setup, and Operation Manual
for VST ECS Membrane Processors) shall be used to verify the proper selection and setup of the
TLS Console Modules.

RF Wireless Components

The wireless system consists of the following devices (Figure 2B-11):

a. TLS RF Console-2 Box
b. RF Transmitter-2
c. RF Transmitter Battery Pack
d. RF Repeater-2
e. RF Receiver-2

These devices convert data in smart-sensor-protocol format to RF format and back to smart-sensor
format for TLS such that TLS software assumes it is directly connected to the sensor. The transmitter
automatically identifies the type of sensor (e.g. Carbon Canister or Flow Meter) connected to it and
polls it periodically. The collected data is converted to radio format and transmitted through air to
receiver. The Receiver collects the radio packet and within 200ms sends the data to the TLS RF on
RS485 bus. The TLS RF provides this data to TLS on next poll by TLS. To prevent adjacent GDF with
wireless equipment from interfering with each others transmissions, dip switches on the Transmitter
and Receiver are used to configure a site ID. The Repeater is not required, but may be installed as needed to provide a second path for the wireless signal traveling from Transmitter to Receiver.

**Training Program**

All Veeder-Root contractors must successfully complete the applicable Veeder-Root training program before they can install, startup, and service TLS Console equipment. Contractors must have up-to-date Level 1 certification to install the TLS Console ISD system. Contractors must have an up-to-date Level 2, 3 or 4 certification and the ISD certification to startup and service the ISD system. The schedule, fee and registration information for the Authorized Service Contractor (ASC) training program can be found at [http://www.veeder.com](http://www.veeder.com).

To confirm TLS or ISD training a regulator should send an email to technicaltraining@gilbarco.com with the name (and company) of the ASC to obtain verification of the ASC TLS/ISD training status or call 800-997-7725 and press “*” to get to the Veeder-Root menu and “*” again to speak to a representative.

**Maintenance**

The TLS console, including interface modules, does not require scheduled maintenance. ISD System Self-Test Monitoring algorithms are designed to verify proper selection, setup and operation of the TLS console and sensors.

There is no recommended maintenance, inspection nor calibration for the Vapor Flow Meter or the Vapor Pressure Sensor. Servicing should be performed in response to warning or alarm conditions.
Figure 2B-1
Model VST-EVR- NB Nozzle

- Spout
- Face Seal
- Convolution
- Vapor Collection Sleeve
- Spout Vent Hole
- Band Clamps
- Lever
- Lever Lock
- Model Name Plate Rivet to Inside of Guard
- Lever Guard
- Secondary Latch Release Mechanism
- Serial No. Engraved In Casting
  Ex. GSXXXXX
  XXXXX = Sequential No.

1 7/8-12 UN
Figure 2B-2
EMCO Model A4005EVR Nozzle

Model Name/Serial No. Plate Riveted to Inside of Lever Guard
Ex. W-XXXX; X=Sequential Numbers

Model Number for New A4005EVR

Model Number for Rebuilt RA4005EVR

Security Rivet

Lever

Lever Guard

Spout
Boot Face
Spout Vent Hole
Vapor Collection Bellows
Band Clamps
Hold Open Latch
1 7/8 - 12 UN
CAUTION: THE HANDLES ON THE LOCKING BALL VALVES MUST NOT BE REMOVED

* If a P/V valve is used, the internal components MUST be removed to allow open venting to the atmosphere.
Figure 2B-4
Typical Veeder-Root Vapor Polisher

- PN Valve
- Mounting Bracket
- U-Bots
- PN Vent Stack
- Vapor Valve Assembly
  - Manufacture, Model #, and Serial # located on Vapor Valve Assembly
- Vapor Polisher Outlet
- Security Seal Tags
- Carbon Bed
- Vapor Polisher Inlet
- Locking Ball Valve (Shown in Open Position)
Use the TLS Console <FUNCTION> key to find the ISD Daily Report menu:

The ISD version number can be verified on the TLS Console LCD screen using the <STEP> key or by using the TLS Console <PRINT> key to print and review the latest ISD Daily Report:

Presence of the ISD Daily Report menu and correct ISD software version number is evidence that ISD is installed and activated in the TLS Console.
Figure 2B-6
Standard TLS Console
Figure 2B-7
Veeder-Root 332374-XXX
Vapor Flow Meter
Figure 2B-8
Veeder-Root 331946-001
Vapor Pressure Sensor
Figure 2B-9
Veeder-Root DIM Series
Dispenser Interface Module (DIM)
Figure 2B-10
Tank Inventory Probe Sensor
Figure 2B-11
Veeder Root's RF Wireless Components

Wireless TLS RF Console
Wireless Receiver
Wireless Repeater

Wireless Transmitter
Wireless Battery Pack
Wireless Enclosure
Figure 2B-12
Typical Installation of the Veeder-Root Vapor Pressure Sensor & Vapor Flow Sensor
Figure 2B-13
Typical Installation of the Veeder-Root Vapor Pressure Sensor and Vapor Flow Sensor
Figure 2B-14
Typical Installation of the Veeder-Root Vapor Flow Sensor with VFM Transmitter in Dispenser

LEGEND FOR NUMBERED BOXES IN Figure 14
1. Base of dispenser cabinet/VFM Transmitter
2. VFM
3. VFM cable
4. Battery pack
5. Transmitter
6. Tip of dispenser pedestal
7. Battery caution label attached to battery cable (2 places)
Figure 2B-15
Typical Installation of the Veeder-Root Vapor Pressure Sensor on a vapor vent stack
**Figure 2B-16**  
Example of a GDF Maintenance and Alarm History Record

<table>
<thead>
<tr>
<th>Date of Maintenance/Test/Inspection/Failure/Alarm history (including date and time of maintenance call)</th>
<th>Repair Date To Correct Test Failure</th>
<th>Maintenance/Test/Inspection Performed and Outcome/Action Taken in Response to Alarm</th>
<th>Affiliation</th>
<th>Name and Technician ID Number of Individual Conducting Maintenance or Test</th>
<th>Telephone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

VST Phase II EVR System Including Veefer-Root ISD, Exhibit 2 - VR-204-J