Attachment 2

15-Day Modifications to the Original Proposal for the

Proposed Amendments to the Vapor Recovery Equipment Defects List

Note: The originally proposed amendments (published on June 15, 2011) are shown in underline to indicate additions and ~~strikethrough~~ to indicate deletions. The proposed modifications (15-day) to the original proposal are shown in double underline to indicate additions and ~~double strikethrough~~ to indicate deletions. All other portions remain unchanged and are indicated by the symbol "* * * * *".

California Environmental Protection Agency

Air Resources Board

PROPOSED
Vapor Recovery Equipment Defects List

Adopted: September 23, 2002
Amended: June 22, 2005
Amended: June 17, 2008
Amended: [insert date]

GVR All Systems/any EO		
equipment	defects	verification procedure
(a) system	(1) any equipment defect which is identified in an Executive Order (EO) certifying a system pursuant to the Certification Procedures incorporated in Section 94011 of Title 17, California Code of Regulations	as set forth in the applicable EO
	(2) absence, improper installation, or disconnection of any component required to be used in the EO(s) that certified the system	direct observation
	(3) installation or use of any uncertified component	direct observation
	(4) dispensing rate greater than ten (10.0) gallons per minute (gpm) or less than the greater of five (5.0) gpm or the limit stated in the EO measured at maximum fuel dispensing	when determined as part of any ARB approved test method or direct measurement for 30 seconds minimum
	(5) Phase I vapor poppet inoperative	direct observation
(b) nozzles	(1) nozzle automatic liquid shutoff mechanisms which malfunction in any manner	EPO No. 26-F-1~~-1~~/direct observation

Note: Each defect in the tables in this list has a specific alphanumeric identification. Every identification has three parts: ~~i)~~

i) the Executive Order(EO) number for the table in which the defect appears (or GVR- (general vapor recovery-) for this "All Systems/any EO" page only), ~~ii)~~

ii) a sequential letter for the equipment with which the defect is associated~~, and iii)~~. As the "equipment " column in the table changes the equipment number sequence that is associated with the specific equipment begins again with the letter "(a)".

iii) a sequential number for the defect itself. As the "equipment" column in the table changes, the defect number sequence that is associated with the specific equipment begins again with one ~~("~~(1)~~")~~. The same is true for the equipment letter: at the start of a new table, the first identifying letter associated with the first equipment listed will be "a," the second "b," and so on. The Executive Order number (part i) is comprised of the characters which proceed the literal description of the system.

For example, the identification for the defect above which is written "installation or use of any uncertified component" is "GVR (a) (3)". ~~and the last defect on the next table (page 2) is "G-70-7(d)(1)."~~

See Page~~s 15~~16 ~~gives an~~ for additional examples of each of these changes:

~~Part i example: The EO number is comprised of the characters which precede the literal description of the system (VR-203 series VST Phase II EVR System sansnot including ISD;~~

~~Part ii example: A second model of nozzle has been added to that EO therefore nozzles are now lettered as a, b and c (VST, EMCO, and all nozzles).~~

~~Part iii example: The verification procedure for checking the insertion interlock mechanism In VR-203 the~~ verification ~~procedure for the defect 'unit is inoperative' for the VST nozzle is different for all three from what is used for the other nozzlesprocessors~~ listed in this EO. ~~You will note that the VR-203 table has changes related to this as VR-203(e)(1)(a)(4) through VR-203 (g)(1)(b)(4). The remaining nozzle defects were renumbered and placed under the equipment category o 'all nozzles' as those defects are not nozzle specific.~~

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VR-201 series Healy Phase II EVR System not including ISD		
equipment	defects	verification procedure
(a) nozzles	(1) defective vapor valve	TP-201.2B - Flow and Pressure Measurement of Vapor Recovery Equipment or equivalent, or VR-201 Exhibit 7 – Nozzle Bag Test Procedure
	(2) any fueling point whose V/L ratio is determined to be at or below 0.80	VR-201 Exhibit 5 – Vapor to Liquid Volume Ratio for Healy Phase II EVR System
(b) system vapor pump	(1) inoperative vapor pumps *	direct observation in accordance with the Healy IOMM, Scheduled Maintenance, section 1.1 paragraph 3 et ~~s~~Seq.
(c) clean air separator (CAS) ~~(vapor reservoir)~~	(1) clean air separator static pressure performance failure *	VR-201 Exhibit 4 – Determination of Static Pressure Performance of the Healy Clean Air Separator
	~~(2) clean air separator not in the proper operating configuration *~~	~~direct observation shown in VR-201 Exhibit 2~~
	(2) ball valves are not in the proper operating configuration as shown in Figures in Exhibit 2 *	direct observation/ shown in VR-201 Exhibit 2 – System Specifications
(d) dispenser	(1) any dispenser with a dispenser piping test valve in the closed position	direct observation

* When the identified defect is detected in the listed equipment, the defect determination applies to all affected interrelated systems (which may include all systems at the motor vehicle fueling operation).

VR-202 series Healy Phase II EVR System Including ISD		
equipment	defects	verification procedure
(a) nozzles	(1) defective vapor valve	TP-201.2B - Flow and Pressure Measurement of Vapor Recovery Equipment or equivalent or VR-202 Exhibit 7 – Nozzle Bag Test Procedure
	(2) any fueling point whose V/L ratio is determined to be at or below 0.80	VR-202 Exhibit 5 – Vapor to Liquid Volume Ratio for Healy Phase II EVR System
(b) system vapor pump	(1) inoperative vapor pumps *	direct observation in accordance with the Healy IOMM, Scheduled Maintenance, section 1.1 paragraph 3 et sSeq.
(c) clean air separator (CAS) (vapor reservoir)	(1) clean air separator static pressure performance failure *	VR-202 Exhibit 4 – Determination of Static Pressure Performance of the Healy Clean Air Separator
	~~(2) clean air separator not in the proper operating configuration *~~	~~direct observation/ shown in VR-202 Exhibit 2~~
	(2) ball valves are not in the proper operating configuration as shown in Figures in Exhibit 2 *	direct observation/ shown in VR-202 Exhibit 2 – System Specifications
(d) dispenser	(1) any dispenser with a dispenser piping test valve in the closed position	direct observation

* When the identified defect is detected in the listed equipment, the defect determination applies to all affected interrelated systems (which may include all systems at the motor vehicle fueling operation).

VR-203 series VST Phase II EVR System ~~sans~~ not including ISD		
equipment	defects	verification procedure
(a) VST nozzle	(1) more than 30 percent (30%) of a nozzle face seal is missing (e.g., a triangular or similar shape in which greater than two and one half (2.5) inches of the face seal circumference is missing (accumulated))	direct measurement/ observation
	(2) more than 0.4~~375~~ square inches of a nozzle vapor collection sleeve is missing (e.g., a rectangular shape of greater than nine sixteenths (9/16) inch or more on each side, a circular shape of eleven sixteenths (11/16) inch or more in diameter, or a triangular shape of seven eighths (7/8) inch on the side	direct measurement/ observation
	(3) ~~total~~ cumulative slit length in the convolution/s exceeds 18.0 inches	direct measurement/ observation
	~~(4) insertion interlock mechanism which will allow dispensing when the bellows is uncompressed~~	~~Section of IOMM 'Daily Inspection – VST Nozzles, Check A'~~ ~~direct observation/GDF-09~~
(b) EMCO nozzle	(1) more than 0.4 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))	direct measurement/ observation
	(2) slit across seven (7) consecutive bellows convolutions	direct measurement/ observation
	(3) a 360 degree cut around the bellows convolutions	direct measurement/ observation
	~~(4) insertion interlock mechanism which will allow dispensing when the bellows is uncompressed~~	~~direct observation/ GDF-09 Phase II Balance System Nozzle Insertion Interlock Operation Determination~~
(c) all nozzles	(~~5~~1) defective vapor valve	VR-203 ~~Exhibit 10~~ Exhibit 7 – Nozzle Bag Test Procedure
	(~~6~~2) vapor valve leak rate exceeds 0.07 cubic feet per minute at a pressure of two (2) water column inches	TP-201.2B - Flow and Pressure Measurement of Vapor Recovery Equipment
	(3) nozzle lever has spring tension (live lever) when the vapor recovery sleeve or bellows/convolutions is uncompressed	direct observation
(~~b~~d) hoses	(1) ~~175~~ 150 ml or more liquid in the vapor path	direct measurement/ sections 6.1 to 6.5 of VR-203 Exhibit 5 - Liquid Removal Test Procedure
	(2) any hose with a visible opening	direct observation
(~~c~~e) VST ECS processor~~ing unit~~	~~(1) unit inoperative *~~	~~direct observation~~
	(1~~2~~) ball valves are not locked in the proper operating configuration as shown in Figures in Exhibit 2* ~~2B-2~~	direct observation/ shown in VR-203 Exhibit 2– System Specifications
	(2~~3~~) unit is not on or not in the automatic vapor processor mode*	diagnostic section within the VST ECS Membrane Processor: Veeder-Root Pressure Management Control (section 12 of IOMM) ~~of the Pressure Measurement/ Management Control of in 16) of IOM~~

* When the identified defect is detected in the listed equipment, the defect determination applies to all affected interrelated systems (which may include all systems at the motor vehicle fueling operation).

VR-203 series VST Phase II EVR System ~~sans~~ not including ISD		
equipment	defect	verification procedure
	~~(4) processor alarms for emission factor are activated for two consecutive 24 hour periods*~~ ~~(5~~4) ~~unit fails to activate when the UST pressure is less than or equal to 0.4 water column inch *~~ ~~(6) hydrocarbon concentration exceeds 12 percent (12%)*~~	~~direct observation~~ ~~VR-203 Exhibit 9 - VST ECS Determination of Processor Activation Pressure~~ ~~direct observation~~
(f) vapor polisher	~~(1) unit inoperative *~~ (1~~r~~2) ball valves are not in the proper operating configuration as shown in Figure in Exhibit 2 * (2~~3~~) unit is not on or in the automatic vapor processor mode*	~~direct observation~~ direct observation / shown in Figures in VR-203 Exhibit 2 – System Specifications ~~d~~ PMC Diagnostic report per 'PMC Diagnostic Menus' section within the Veeder-Root Vapor Polisher: Pressure Management Control (section 15 of IOMM)
(g) thermal oxidizer	~~(1) unit inoperative *~~ (1~~r~~2) ball valves are not in the proper operating configuration as shown in Figure in Exhibit 2 * (2~~3~~) thermal oxidizer indicator panel "power on" lamp off *	~~direct observation~~ direct observation / shown in Figures in VR-203 Exhibit 2 – System Specifications direct observation
(h) clean air separator (CAS)	(1) ball valves are not in the proper operating configuration as shown in Figures in Exhibit 2 *(except when maintenance or testing is being conducted.) (2) clean air separator static pressure performance failure*	direct observation/ shown in VR-203 Exhibit 2 – System Specifications VR-203 Exhibit 14 -Determination of Static Pressure Performance of the Healy Clean Air Separator
(~~d~~i) vapor return lines	(1) pressure drop through the vapor path exceeds five (5.00) water column inches at a flow rate of 60 cubic foot per hour (CFH) and eight (8.00) water column inches at a flow rate of 80 CFH	TP201.4 Methodology 1 or equivalent

* When the identified defect is detected in the listed equipment, the defect determination applies to all affected interrelated systems (which may include all systems at the motor vehicle fueling operation).

Example of specific three part alphanumeric identification:

Part i example: The EO number is comprised of the characters which precede the literal description of the system (VR-203 series VST Phase II EVR System ~~sans~~not including ISD.

Part ii example: A second model of nozzle has been added to that EO therefore nozzles are now lettered as a, b and c (VST, EMCO, and all nozzles).

Part iii example: In VR-203 the verification procedure for the defect 'unit is inoperative' is different for all three processors listed in this EO. You will note that the VR-203 table has changes related to this as VR-203 (e) (1) through VR-203 (g) (1) VR-204 series VST Phase II EVR System Including ISD.

VR-204 series VST Phase II EVR System Including ISD		
equipment	defect	verification procedure
(a) VST nozzle	(1) more than 30 percent (30%) of a nozzle face seal is missing (e.g., a triangular or similar shape in which greater than two and one half (2.5) inches of the face seal circumference is missing (accumulated))	direct measurement/ observation
	(2) more than 0.4 square inches of a nozzle vapor collection sleeve is missing (e.g., a rectangular shape of greater than nine sixteenths (9/16) inch or more on each side, a circular shape of eleven sixteenths (11/16) inch or more in diameter, or a triangular shape of seven eighths (7/8) inch on the side	direct measurement/ observation
	(3) cumulative slit length in the convolution/s exceeds 18.0 inches	direct measurement/ observation
	~~(4) insertion interlock mechanism which will allow dispensing when the bellows is uncompressed~~	~~Section of IOMM 'Daily Inspection – VST Nozzles, Check A:~~
(b) EMCO nozzle	(1) more than 0.4 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))	direct measurement/ observation
	(2) slit across seven (7) consecutive bellows convolutions	direct measurement/ observation
	(3) there is a 360 degree cut around the bellows convolutions	direct measurement/ observation
	~~(4) insertion interlock mechanism which will allow dispensing when the bellows is uncompressed~~	~~direct observation/ CDF-99 – Phase II Balance System Nozzle Insertion Interlock Operation Determination~~
(c) all nozzles	(1) defective vapor valve	VR-204 Exhibit 7 – Nozzle Bag Test Procedure
	(2) vapor valve leak rate exceeds 0.07 cubic feet per minute at a pressure of two (2) water column inches	TP-201.2B - Flow and Pressure Measurement of Vapor Recovery Equipment
	(3) nozzle lever has spring tension (live lever) when the vapor recovery sleeve or bellows/convolutions is uncompressed	direct observation
(d) hoses	(1) 150 ml or more liquid in the vapor path	direct measurement/ sections 6.1 to 6.5 of VR-204 Exhibit 5 - Liquid Removal Test Procedure
	(2) any hose with a visible opening	direct observation
(e) VST ECS processor	~~(1) unit inoperative *~~	~~direct observation~~
	(1~~2~~) ball valves are not in the proper operating configuration as shown in Figures in Exhibit 2 *	direct observation/ shown in VR-204 Exhibit 2 – System Specifications
	(2~~3~~) unit is not on or in the automatic vapor processor mode *	diagnostic section within the Veeder-Root ISD Manual (section 12 of IOMM)
	~~(4) unit fails to activate when the UST pressure is less than or equal to 0.4 water column inch *~~	~~direct observation from ISD panel or a vapor processor status report VR-204 Exhibit 9 - VST ECS Determination of Processor Activation Pressure~~

* When the identified defect is detected in the listed equipment, the defect determination applies to all affected interrelated systems (which may include all systems at the motor vehicle fueling operation).

VR-204 series VST Phase II EVR System Including ISD		
equipment	defect	verification procedure
(f) vapor polisher	~~(1) unit inoperative *~~	~~Vapor processor status report~~ VR-204 ~~Exhibit 11 – VR Vapor Polisher Operability and Test Procedure~~
	(1~~2~~) ball valves are not in the proper operating configuration as shown in Figures in Exhibit 2*	direct observation / shown in Figures in VR-204 Exhibit 2 – System Specifications
	(2~~3~~) unit is not on or in the automatic vapor processor mode *	diagnostic section within the Veeder-Root ISD Manual (section 12 of IOMM) ~~the Pressure Measurement/Management of IOMM~~
(g) thermal oxidizer	(1) ball valve/s are not in the proper operating configuration as shown in Figures in Exhibit 2*	direct observation/ shown in VR-204 Exhibit 2 – System Specifications
	(2) thermal oxidizer indicator panel “power on” lamp off *	direct observation
(h) clean air separator (CAS)	(1) ball valves are not in the proper operating configuration as shown in Figures in Exhibit 2* (except when maintenance or testing is being conducted.)	direct observation/ shown in VR-204 Exhibit 2 – System Specifications
	(2) clean air separator static pressure performance failure *	VR-204 Exhibit 14 -Determination of Static Pressure Performance of the Healy Clean Air Separator

* When the identified defect is detected in the listed equipment, the defect determination applies to all affected interrelated systems (which may include all systems at the motor vehicle fueling operation).

VR-207 series EMCO Wheaton Retail Phase II EVR System with HIRT VCS 100 Thermal Oxidizer not Including ISD		
equipment	defects	verification procedure
(a) EMCO nozzle	(1) more than 0.4 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))	direct measurement/ observation
	(2) slit across seven (7) consecutive bellows convolutions	direct measurement/ observation
(b) all nozzles	(1) insertion interlock mechanism which will allow dispensing when the bellows is uncompressed	direct observation/ GDF-09
	(2) defective vapor valve	VR-207 Exhibit 7 – Nozzle Bag Test Procedure
	(3) vapor valve leak rate exceeds 0.07 cubic feet per minute at a pressure of two (2) water column inches	TP-201.2B - Flow and Pressure Measurement of Vapor Recovery Equipment
(c) hoses	(1) 150 ml or more liquid in the vapor path	direct measurement/ sections 6.1 to 6.5 of VR-207 Exhibit 5 - Liquid Removal Test Procedure
	(2) any hose with a visible opening	direct observation
(d) thermal oxidizer	~~(1) unit inoperative*~~	~~direct observation~~
	(1~~2~~) ball valves are not in the proper operating configuration as shown in Figures in Exhibit 2*	direct observation/ shown in VR-207 Exhibit 2 – System Specifications
	(2~~3~~) thermal oxidizer indicator panel “power on” lamp off *	direct observation
(e) vapor return lines	(1) pressure drop through the vapor path exceeds 0.95 water column inches at a flow rate of 60 cubic foot per hour (CFH) and 1.52 water column inches at a flow rate of 80 CFH	TP-201.4 Methodology 1 and Exhibit 6 – Required Items in Conducting TP-201.4

* When the identified defect is detected in the listed equipment, the defect determination applies to all affected interrelated systems (which may include all systems at the motor vehicle fueling operation).

VR-208 series EMCO Wheaton Retail Phase II EVR System with HIRT VCS 100 Thermal Oxidizer not Including ISD		
equipment	defects	verification procedure
(a) EMCO nozzle	(1) more than 0.4 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))	direct measurement/ observation
	(2) slit across seven (7) consecutive bellows convolutions	direct measurement/ observation
(b) all nozzles	(1) insertion interlock mechanism which will allow dispensing when the bellows is uncompressed	direct observation/ GDF-09
	(2) defective vapor valve	VR-208 Exhibit 7 – Nozzle Bag Test Procedure
	(3) vapor valve leak rate exceeds 0.07 cubic feet per minute at a pressure of two (2) water column inches	TP-201.2B - Flow and Pressure Measurement of Vapor Recovery Equipment
(c) hoses	(1) 150 ml or more liquid in the vapor path	direct measurement/ sections 6.1 to 6.5 of VR-208 Exhibit 5 - Liquid Removal Test Procedure
	(2) any hose with a visible opening	direct observation
(d) thermal oxidizer	~~(1) unit inoperative*~~	~~direct observation~~
	(1~~2~~) ball valves are not in the proper operating configuration as shown in Figures in Exhibit 2 *	direct observation/ shown in VR-208 Exhibit 2 – System Specifications
	(2~~3~~) thermal oxidizer indicator panel “power on” lamp off *	direct observation
(e) vapor return lines	(1) pressure drop through the vapor path exceeds 0.95 water column inches at a flow rate of 60 cubic foot per hour (CFH) and 1.52 water column inches at a flow rate of 80 CFH	TP-201.4 Methodology 1 and Exhibit 6 – Required Items in Conducting TP-201.4

* When the identified defect is detected in the listed equipment, the defect determination applies to all affected interrelated systems (which may include all systems at the motor vehicle fueling operation).

Defect Identification Methods Used In the Verification Procedure Column

1. TP201.5: Determination (by Volume Meter) of Air to Liquid (A/L) Volume Ratio of Vapor Recovery Systems of Dispensing Facilities, Adopted April 12, 1996

2. TP201.4: Determination of Dynamic Pressure Performance of Vapor Recovery Systems of Dispensing Facilities

3. TP201.3: Determination of Two-Inch WC Static Pressure Performance of Vapor Recovery Systems of Dispensing Facilities

4. GDF-01: Bag Test for Multi-Nozzle Vacuum Assist Systems

5. Method 9: 40 Code Federal Regulations Part 60 Appendix A: Reference Method 9/ EPA Section 3.12 Visible Determination of the Opacity of Emissions from Stationary Sources

6. G-70-187 Exhibit 5: Fillneck Vapor Pressure Regulation Fueling Test

7. EPO No. 26-F-1: Vapor Recovery Systems Field Compliance Testing

8. GDF-02: Bag Test for Single-Nozzle Vacuum Assist Systems

9. GDF-09: Phase II Balance System Nozzle Insertion Interlock Operation Determination

10. G-70-191 Exhibit 2: Specifications for the Healy ORVR Phase II Vapor Recovery System (4.a-4.d)

11. G-70-204 Exhibit 2: System Specifications/Vapersaver (1.A-1.D)

12. G-70-209 Exhibit 5: Determination (by Volume Meter) of Air to Liquid Volume Ratio of Vapor Recovery Systems of Dispensing Facilities

13. VR-201 Exhibit 4: Determination of Static Pressure Performance of the Healy Clean Air Separator

14. VR-201 Exhibit 5: Vapor to Liquid Volume Ratio for Healy Phase II EVR System

15. VR-201 Exhibit 7: Nozzle Bag Test Procedure

16. VR-202 Exhibit 4: Determination of Static Pressure Performance of the Healy Clean Air Separator

17. VR-202 Exhibit 5: Vapor to Liquid Volume Ratio for Healy Phase II EVR System

18. VR-202 Exhibit 7: Nozzle Bag Test Procedure

19. VR-203 Exhibit 10: Nozzle Bag Test Procedure

20. VR-203 Exhibit 5: Liquid Removal Test Procedure

21. VR-203 Exhibit9: Determination of VST Processor Activation Pressure

Defect Identification Methods Specified In the Verification Procedure Column	
1. TP-201.2B	Flow and Pressure Measurement of Vapor Recovery Equipment
2. TP-201.3	Determination of Two-Inch WC Static Pressure Performance of Vapor Recovery Systems of Dispensing Facilities
3. TP-201.4	Determination of Dynamic Pressure Performance of Vapor Recovery Systems of Dispensing Facilities
4. TP-201.5	Determination (by Volume Meter) of Air to Liquid (A/L) Volume Ratio of Vapor Recovery Systems of Dispensing Facilities, Adopted April 12, 1996
5. GDF-01	Bag Test for Multi-Nozzle Vacuum Assist Systems
6. GDF-02	Bag Test for Single-Nozzle Vacuum Assist Systems
7. GDF-09	Phase II Balance System Nozzle Insertion Interlock Operation Determination
8. Method 9	40 Code Federal Regulations Part 60 Appendix A: Reference Method 9/EPA Section 3.12 Visible Determination of the Opacity of Emissions from Stationary Sources
9. EPO No. 26-F-1	Vapor Recovery Systems Field Compliance Testing
10. G-70-187 Exhibit 5	Fillneck Vapor Pressure Regulation Fueling Test
11. G-70-191 Exhibit 2	Specifications for the Healy ORVR Phase II Vapor Recovery System (4.a - 4.d)
12. G-70-191	Healy Systems VP1000 Dispenser Mounted Vacuum Pump Installation & Service Guide, Scheduled Maintenance Instructions, Weekly Inspection, bullet 4 et ~~s~~Seq.
13. G-70-204 Exhibit 2	System Specifications/Vaporsaver (1.A - 1.D)
14. G-70-209 Exhibit 5	Determination (by Volume Meter) of Air to Liquid Volume Ratio of Vapor Recovery Systems of Dispensing Facilities
15. VR-201 IOMM	Healy IOMM, Scheduled Maintenance, section 1.1 paragraph 3 et ~~s~~Seq.
16. VR-201 Exhibit 2	System Specifications
17. VR-201 Exhibit 4	Determination of Static Pressure Performance of the Healy Clean Air Separator
18. VR-201 Exhibit 5	Vapor to Liquid Volume Ratio for Healy Phase II EVR System
19. VR-201 Exhibit 7	Nozzle Bag Test Procedure
20. VR-202 IOMM	Healy IOMM, Scheduled Maintenance, section 1.1 paragraph 3 et ~~s~~Seq.
21. VR-202 Exhibit 2	System Specifications
22. VR-202 Exhibit 4	Determination of Static Pressure Performance of the Healy Clean Air Separator
23. VR-202 Exhibit 5	Vapor to Liquid Volume Ratio for Healy Phase II EVR System
24. VR-202 Exhibit 7	Nozzle Bag Test Procedure
25. VR-203 Exhibit 2	System Specifications
26. VR-203 Exhibit 5	Liquid Removal Test Procedure (sections 6.1 to 6.5)
27. VR-203 Exhibit 7~~10~~	Nozzle Bag Test Procedure
~~28. VR-203 Exhibit 9~~	~~Determination of VST Processor Activation Pressure~~
~~29. VR-203 Exhibit 11~~	~~VR Vapor Polisher Operability and Test Procedure~~
28. VR-203 Exhibit 13	Hirt VCS 100 Processor with Indicator Panel Operability Test Procedure
29. VR-203 Exhibit 14	Determination of Static Pressure Performance of the Healy Clean Air Separator

Defect Identification Methods Specified In the Verification Procedure Column	
~~30. VR-203: Installation, Operation and Maintenance Manual (IOMM)~~	~~Daily Inspection – VST Nozzles Check A~~
30. VR-203: section 12 of Installation, Operation and Maintenance Manual (IOMM)	Diagnostic section within the VST ECS Membrane Processor: Veeder-Root ~~of the~~ Pressure ~~Measurement/~~Management Control (section 12 of IOMM)
31. VR-203: section 15 of Installation, Operation and Maintenance Manual (IOMM)	PMC Diagnostic report per 'PMC Diagnostic Menus' section within the Veeder-Root Vapor Polisher: Pressure Management Control (section 15 of IOMM)
32. VR-204 Exhibit 2	System Specifications
33. VR-204 Exhibit 5	Liquid Removal Test Procedure (sections 6.1 to 6.5)
34. VR-204 Exhibit 7	Nozzle Bag Test Procedure
35. VR-204 Exhibit 13	Hirt VCS 100 Processor with Indicator Panel Operability Test Procedure
36. VR-204 Exhibit 14	Determination of Static Pressure Performance of the Healy Clean Air Separator
~~31. VR-204: section 11 of Installation, Operation and Maintenance Manual (IOMM)~~	~~Diagnostic section of the Pressure Measurement/Management Control of IOMM~~
37. VR-204: section 12 of Installation, Operation and Maintenance Manual (IOMM)	~~'PMC~~ Diagnostic ~~Menus'~~ section within the Veeder-Root ISD Manual (section 12 of IOMM) ~~of the Pressure Management Control~~
38. VR-207 Exhibit 2	System Specifications
39. VR-207 Exhibit 5	Liquid Removal Test Procedure (sections 6.1 to 6.5)
40. VR-207 Exhibit 6	Required Items in Conducting TP-201.4
41. VR-207 Exhibit 7	Nozzle Bag Test Procedure
42. VR-207 Exhibit 14	Hirt VCS 100 Processor with Indicator Panel Operability Test Procedure
43. VR-208 Exhibit 2	System Specifications
44. VR-208 Exhibit 5	Liquid Removal Test Procedure (sections 6.1 to 6.5)
45. VR-208 Exhibit 6	Required Items in Conducting TP-201.4
46. VR-208 Exhibit 7	Nozzle Bag Test Procedure
47. VR-208 Exhibit 8	Indicator Panel Operability Test Procedure
48. VR-208 Exhibit 14	Hirt VCS 100 Processor with Indicator Panel Operability Test Procedure