Gasoline Dispensing Facility - Self Inspection Form

Facility Name: _____

Month: _____ Year: _____

Vapor Recovery Type: Assist/ARID Permeator AT-150

Instructions: Place a check (√) in the box if no problem is found and place an X in the box if a problem is found. Log maintenance problems in repair log.

Day of the Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Tank Area (Phase I Vapor Recovery)																															
No liquid leaks, spill bucket: no debris/liquid/damage																															
P/V valve installed, not damaged/altered/covered																															
Drain valve: installed, no damage																															
Adapters: swivel, tight on riser, no damage																															
Adapter caps: installed, gasket in place, fit tightly																															
Drop tube: installed, no damage																															
Dispenser Area (Phase II Vapor Recovery)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Fueling instructions displayed																															
No liquid leaks																															
Nozzles, breakaways, and hoses properly swivel																															
Hoses: no kinks, flat/soft spots, or bulges																															
Hoses: wrapping in good condition, no tears/cracks																															
Hoses: proper length and installation																															
Nozzles: no damage or tears/holes in mini-boot																															
Nozzles: face seal tight, complete, and aligned																															
Nozzles: Boot bleed holes free of debris																															
Nozzles: spout not loose, sheared, or bent																															
Nozzles: latch ring present																															
Nozzles: automatic shut off hole free of debris																															
Nozzles: hold open latch present																															
Breakaways: proper orientation, no damage/leaks																															
Permeator AT-150 (Vapor Processor)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Main Power Light On																															
Oil Level Fault Light/Alarm Off (if on, maintenance is required)																															
In-Station Diagnostic (ISD) System (if applicable)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
All Functions Normal																															
Inspector's Initials																															

Periodic Inspection Checklist - Assist with ARID Permeator AT-150

Weekly VP1000 Vacuum Pump Test Procedure

Week 1	All Nozzles:	Pass	Fail	(circle one)	**Inspected By:** _____	**Date:** _____
Week 2	All Nozzles:	Pass	Fail	(circle one)	**Inspected By:** _____	**Date:** _____
Week 3	All Nozzles:	Pass	Fail	(circle one)	**Inspected By:** _____	**Date:** _____
Week 4	All Nozzles:	Pass	Fail	(circle one)	**Inspected By:** _____	**Date:** _____
Week 5	All Nozzles:	Pass	Fail	(circle one)	**Inspected By:** _____	**Date:** _____

If any of the below operations cannot be achieved, circle "Fail" above, tag out dispenser, and log repairs in maintenance log:

1. VP1000 comes on immediately when a nozzle is lifted and the dispenser is activated and ready to dispense fuel
2. Repeat for each nozzle on both sides of dispenser, one at a time and for each product grade, to verify the vacuum pump runs after dispenser is activated
3. Leave one nozzle activated and with the pump running, lift nozzle on other side of the dispenser and confirm change of speed in pump motor
4. Repeat Step 3, but start with the opposite side of the dispener authorized first to verify the vacuum pump changes speed

Quarterly Inspection for ARID Permeator AT-150

Ball valves locked open or handles removed on inlet and outlet piping YES NO

Inspected By: _____ **Date:** _____

Periodic Inspection Checklist - Assist with ARID Permeator AT-150

Quarterly Assist Vapor Recovery Inspection **Inspected By:** _____ **Date:** _____

Dispenser Vapor Piping Inspection

For all dispensers:

Are vapor return piping connections tight, ball valves in correct position, and all copper tubing is free of kinks and in good condition? **YES** **NO**

If NO, remove affected dispenser(s) from service and log all repairs in maintenance log

Nozzle Insertion Interlock Test

Conduct the following on each nozzle at the facility:

1. Remove nozzle from dispenser and hold nozzle into gasoline approved container
2. Authorize fueling point
3. Actuate the nozzle lever while not compressing the mini-boot in any manner

Do any of the nozzles dispense fuel with the mini-boot in a free state condition? **YES** **NO**

If YES, remove affected nozzle(s) from service and log all repairs in maintenance log

Dispensing Rate Verification Test

Product dispensing flow rate at maximum dispensing position:

If dispensing rate is less than 6.5 GPM, replace filter and retest. If flow rate does not increase, remove fueling point from service and log repars in maintenance log

If flow rate is greater than 10.0 GPM, install flow limiter and retest. If flow rate still exceeds 10.0 GPM, remove fueling point from serivce and log repairs in maintenance log

	87	89	91		87	89	91		87	89	91
FP #1				FP #6				FP #11			
Flow Rate (GPM)				Flow Rate (GPM)				Flow Rate (GPM)			
FP #2				FP #7				FP #12			
Flow Rate (GPM)				Flow Rate (GPM)				Flow Rate (GPM)			
FP #3				FP #8				FP #13			
Flow Rate (GPM)				Flow Rate (GPM)				Flow Rate (GPM)			
FP #4				FP #9				FP #14			
Flow Rate (GPM)				Flow Rate (GPM)				Flow Rate (GPM)			
FP #5				FP #10				FP #15			
Flow Rate (GPM)				Flow Rate (GPM)				Flow Rate (GPM)			