Assist Weekly Self-Inspection Checklist

Facility Name:____ Week of ____________________________Year:__________

Complete this form weekly to document your routine self-inspections. Failures must be repaired and documented on the Maintenance/Repair/ISD Alarm Log.

Dispenser Number	**Unihose or Fuel Grade** Circle which hose is being inspected	**Nozzle**	**Hose**	**Breakaway**	**VP1000 Vacuum Pump Normal Operation**
	Unihose 87 89 91	Pass Fail	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91	Pass Fail	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91	Pass Fail	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91	Pass Fail	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91	Pass Fail	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91	Pass Fail	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91	Pass Fail	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91	Pass Fail	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91	Pass Fail	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91	Pass Fail	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91	Pass Fail	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91	Pass Fail	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91	Pass Fail	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91	Pass Fail	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91	Pass Fail	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91	Pass Fail	Pass Fail	Pass Fail	Pass Fail

Main Office: 200 Litton Dr., Suite 320 Grass Valley, CA 95945 • (530) 274-9360 • Fax (530) 274-7546
Northern Office: 257 E. Sierra, Unit E Portola, CA 96122 • (530) 832-0102 • Fax (530) 832-0101
www.myairdistrict.com • office@myairdistrict.com

Maintenance/Repair/ISD Alarm Log

Facility Name:_____ Year:_____

Complete an entry for each time troubleshooting, maintenance, and/or repair work is performed. Record each ISD alarm, if applicable. Attach applicable receipts and work orders.

Time & Date	**ISD Alarm on Console** (If Applicable)	**Troubleshooting, Maintenance, or Repair Performed**	**Time & Date of Service Call**	**Repair Service Date**	**Technician Information** (Name, Affiliation, Phone, Certification Number)	**Date/ Time Removed from Service**	**Component or System Failures**

Phase II EVR System
Assist Weekly Self-Inspection Procedures

Attached are the instructions on how to perform the required self-inspection from CARB's Installation, Operation, and Maintenance Manual (IOM) for Executive Orders VR-201 and VR-202.

Nozzle, Hose, and Breakaway Inspection (page 1)

VP1000 Vacuum Pump Normal Operation Verification (pages 1 and 2)

Systems Scheduled Maintenance

1. Assist Phase II EVR System

Scheduled Maintenance Instructions for an Assist Phase II EVR System with VP1000 Vacuum Source and 900 Series EVR Nozzle.

Initial problems are usually caused by installation irregularities that are easily detected and repaired by performing the “VP1000 Vacuum Performance Test Procedure” located in the dispenser installation manual. Periodic maintenance described here will eliminate problems and maintain peak operation of the system.

NOTE: Only a Certified Technician can service any problems discovered while conducting the Weekly or Quarterly Inspection and Testing. Provided that there are no other local district requirements, a GDF Owner / Operator can remove and install nozzles, curb hoses, breakaways, flow limiters and whip hoses without a manufacturer certification. Additional certifications may be required in accordance with local district requirements.

1.1. Weekly Inspection and Testing

1.1.1. Inspect each nozzle, hose, and breakaway for damage, loose connections, or leaks. Inspect nozzles for damaged vapor boots or spouts. Any nozzle with a vapor collection boot which is missing, or which has one half of the mini-boot faceplate or greater missing should be replaced or repaired as soon as practicable. Spouts with visible damage must be replaced.

Inspect hoses for wear, severe kinks, cracks, and splitting. Replace if wire braid is visible.

1.1.2. Test the VP1000 Vacuum Pump for normal operation using the following test procedure:

- Normal operation will have the VP1000 Vacuum Pump running at low speed if only one side of a dispenser / pump is activated (ready to dispense fuel) and will run at full speed if both sides of the dispenser are activated (ready to dispense fuel). The VP1000 vacuum pump may continue to run for a few seconds after a nozzle is re-holstered.

NOTE: If any of the four bullets below cannot be achieved, tag out dispenser and call a Healy Certified Technician for service.

- The VP1000 vacuum pump should come on immediately when a nozzle is lifted and the dispenser is activated and ready to dispense fuel.
- Repeat for each nozzle on both sides of the dispenser being tested, one at a time, to verify the VP1000 vacuum pump is running after the dispenser is activated and ready to dispense fuel.

NOTE: For unihose dispensers, conduct individual tests for each product grade on each side of the dispenser to ensure that the VP1000 activates for all grades on the same side.

- Leave one nozzle activated on the first side and with the pump running, lift a nozzle on the other side of the dispenser (activated as above) and listen for a change of speed (increase) in the pump motor. Return both nozzles to the dispenser.
- Repeat the above procedures to activate both sides of the dispenser, but start with the opposite side of the dispenser. If the above procedures can be confirmed by starting with the opposite side of the dispenser, the VP1000 vacuum pump is correctly installed. After the VP1000 vacuum pump gets to second speed, it will not drop back to single speed until one nozzle is reholstered.

NOTE: In parts of the country where the outside temperature drops below 35 °F, the VP1000 vacuum pump motor will automatically run at a very low RPM to prevent freezing. This is normal operation.