

Annual Inspections

HIRT VCS-100 VAPOR PROCESSOR ANNUAL INSPECTION CHECKLIST		
DATE OF TEST:		
SERVICE COMPANY NAME:	SERVICE COMPANY'S TELEPHONE:	
SERVICE TECHNICIAN:	HIRT TECHNICIAN CERTIFICATION #: <small>(as applicable)</small>	
	CC or DISTRICT TRAINING CERTIFICATION #: <small>(as applicable)</small>	
STATION NAME:	DISTRICT PERMIT #	
STATION ADDRESS:	CITY:	STATE, ZIP:
Instructions: Perform each step and check each box after step is completed. File completed checklist with station's Maintenance Records.		
1.	Turn OFF electrical power to processor. CAUTION: The processor can be hot from operation. Use caution when removing Weather Cover, Shell, and raising Inner Stack; they are HOT!	<input type="checkbox"/>
2.	Remove Weather Cover. Look inside stack and burner chamber to check for debris. Remove any debris.	<input type="checkbox"/>
3.	Remove padlocks, if any, and remove Shell from processor.	<input type="checkbox"/>
4.	Loosen stack bolt and raise Inner Stack. The pilot and igniter/sensor are now exposed. The internals should be checked for foreign material. Remove any foreign material.	<input type="checkbox"/>

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5.	Check igniter/sensor for carbon buildup. Replace Pilot Tip assembly if Excessive buildup. See instructions that come with replacement Pilot Tip for Installation details.	<input type="checkbox"/>
6.	Visually check all processor piping and tubing for leaks (this is checked when conducting TP-201.3 and Exhibit 4 of Executive Order VR-208). Check metal tubing and piping for kinks, worn areas, and cracks or deterioration. Check piping and metal tubing fittings to insure that they are strong and tight sealing. Replace any questionable components.	<input type="checkbox"/>
7.	Conduct Exhibit 8 of Executive Order VR-208 "Hirt VCS 100 Processor With Indicator Panel Operability Test Procedure"	<input type="checkbox"/>
8.	Check setting of Pilot Needle Valve adjustment (section 8.8 of Hirt VCS 100 IOM).	<input type="checkbox"/>
9.	Lower Inner Stack and tighten bolt. Replace Shell, Weather Cover, and padlocks removed for visual inspection.	<input type="checkbox"/>
10.	Verify handle on 3-way valve is in the down position – Processor to UST Ullage.	<input type="checkbox"/>
11.	Turn ON electrical power to processor.	<input type="checkbox"/>

Annual System Compliance Testing	
Test Procedure	Test Procedure Number or Exhibit
Static Pressure Decay Test	Exhibit 4 (TP-201.3)
Liquid Removal Test	Exhibit 5
Dynamic Back Pressure Test	Exhibit 6 (TP-201.4)
Nozzle Bag Test	Exhibit 7
Hirt VCS-100 Vapor Processor Operability Test	Exhibit 8
INCON ISD System Vapor Flow Meter Operability Test Procedure	Exhibit 10
INCON VRM Operability Test Procedure	Exhibit 11