



Vaporless Manufacturing, Inc.
Quality Petroleum Equipment
Solutions for Over 20 Years

LDT- 890 Test Form & VMI Warranty Checklist

October 1st, 2006

Test Information:

Date: 8/18/2011 Test Company: EPIC Compliance Systems Inc.
 Telephone: 510-836-0774 Contact: Joan Bosrock
 Site I.D.: GGP Cardlock-Rinehart Oil Address: 1107 5th Street
 City: Oakland State: CA Zip: 94607
 Type of Test Equipment: LDT - 890

Submersible Pump Identification:

MFG: FE Petro Model No: STP-150-132-24 Serial No: 98090128

Leak Detector Identification:

MFG: Red Jacket Model No: 116-056 Serial No: 11104-4190

Replacement Leak Detector Identification:

MFG: _____ Model No: _____ Serial No: _____

Line Conditions

1. Type of Pipe: Ameron 2. Diameter of Pipe: 2" 3. Length of Pipe: 70'
 4. Burial Depth of Leak Detector: 31" 5. Kind of Fuel: 91 6. Date of Last Line Test: —

Test Conditions

1. Operating Pump Pressure: 25 2. Gallon per hour test rate: 3 @ 10 psi
 3. Static Line Pressure (Pump Off): 25 4. Bleedback Test (Pump Off): 375 ml.
 5. Step-through time to full flow 4 seconds (0 psi. to full pump pressure, no leak)
 6. Leak detector stays in Leak Search Position with a 3 GPH leak - Yes: X PASS No: FAIL
 7. Was the leak detector adjusted - Yes: No: X

Symptoms

1. Won't find 3 GPH leak: _____ 2. Stays in Slow Flow: _____
 3. Other: _____

***** If This Unit Is Returned Under Warranty Please Complete The Following *****

Vaporless RGA#: _____ Return By (Company): _____
 Telephone: _____ Contact: _____
 Customer Control #: _____ Address: _____
 City: _____ State: _____ Zip: _____



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Submersible Pump Identification:

MFG: FE Petro Model No: STP-150-132-24 Serial No: 98090127

Leak Detector Identification:

MFG: Red Jacket Model No: 116-056 Serial No: 11104-4189

Replacement Leak Detector Identification:

MFG: _____ Model No: _____ Serial No: _____

Line Conditions

1. Type of Pipe: Ameron 2. Diameter of Pipe: 2" 3. Length of Pipe: 70'
 4. Burial Depth of Leak Detector: 35" 5. Kind of Fuel: 87 6. Date of Last Line Test: —

Test Conditions

1. Operating Pump Pressure: 32 2. Gallon per hour test rate: 3 @ 10 psi
 3. Static Line Pressure (Pump Off): 29 4. Bleedback Test (Pump Off): 350 ml.
 5. Step-through time to full flow: 4 seconds (0 psi. to full pump pressure, no leak)
 6. Leak detector stays in Leak Search Position with a 3 GPH leak - Yes: X PASS No: FAIL
 7. Was the leak detector adjusted - Yes: No: X

Symptoms

1. Won't find 3 GPH leak: _____ 2. Stays in Slow Flow: _____
 3. Other: _____

***** If This Unit Is Returned Under Warranty Please Complete The Following *****

Vaporless RGA#: _____ Return By (Company): _____
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 Site I.D.: GGP Cardlock-Rinehart Oil Address: 1107 5th Street
 City: Oakland State: CA Zip: 94607
 Type of Test Equipment: LDT - 890

Submersible Pump Identification:

MFG: FE Petro Model No: STP-150-132-24 Serial No: 98090129

Leak Detector Identification:

MFG: VMI Model No: 99LD2000 Serial No: 07121232

Replacement Leak Detector Identification:

MFG: _____ Model No: _____ Serial No: _____

Line Conditions

1. Type of Pipe: Ameron 2. Diameter of Pipe: 2" 3. Length of Pipe: 150'
 4. Burial Depth of Leak Detector: 36" 5. Kind of Fuel: Diesel 6. Date of Last Line Test: -

Test Conditions

1. Operating Pump Pressure: 32 2. Gallon per hour test rate: 3 @ 10 psi
 3. Static Line Pressure (Pump Off): 32 4. Bleedback Test (Pump Off): 300 ml.
 5. Step-through time to full flow 4 seconds (0 psi. to full pump pressure, no leak)
 6. Leak detector stays in Leak Search Position with a 3 GPH leak - Yes: X PASS No: FAIL
 7. Was the leak detector adjusted - Yes: No: X

Symptoms

1. Won't find 3 GPH leak: _____ 2. Stays in Slow Flow: _____
 3. Other: _____

***** If This Unit Is Returned Under Warranty Please Complete The Following *****

Vaporless RGA#: _____ Return By (Company): _____
 Telephone: _____ Contact: _____
 Customer Control #: _____ Address: _____
 City: _____ State: _____ Zip: _____

(See Website - www.vaporless.com - Technical Bulletin 032805)

Form 1

Data Form for Vapor Pressure Sensor UST Pressure Test

DATE OF TEST 8/18/2011

SERVICE COMPANY NAME EPIC Compliance Systems Inc.		SERVICE COMPANY'S TELEPHONE 1-888-700-EPIC	
SERVICE TECHNICIAN <i>Alvin L. Milburn</i> Alvin L. Milburn		VEEDER-ROOT TECH CERTIFICATION # A27843 ICC or DISTRICT TRAINING CERTIFICATION # 0878949-VT	
STATION NAME: GGP-Cardlock / Rinehart Oil		DISTRICT PERMIT # 6875	
Station Address 1107 5th Street	City Oakland	State CA	ZIP 94607

PRESSURE SENSOR LOCATION: DISPENSER FUELING POINT (FP) or VENT STACK	FP# _____ <input type="checkbox"/>	PRESSURE SENSOR SERIAL NUMBER: <u>1086</u>
	VENT STACK <input checked="" type="checkbox"/>	

STEP 8.3	DIGITAL MANOMETER VALUE <u>0.18</u> inches WC
STEP 8.3	TLS 350 SENSOR VALUE <u>0.178</u> inches WC (OBTAIN VALUE USING TLS CONSOLE KEYPAD SEQUENCE SHOWN IN FIG. 8-4, Vapor Pressure)
STEP 8.4	TLS 350 Sensor Value within ± 0.2 inches WC of Digital Manometer Value? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> IF NO: THE PRESSURE SENSOR IS NOT IN COMPLIANCE WITH THE PRESSURE SENSOR REQUIREMENTS OF EXHIBIT 2.
STEP 8.5	MODE KEY PRESSED TO EXIT PMC DIAGNOSTIC MENU? <input checked="" type="checkbox"/>

Form 2

Data Form for Vapor Pressure Sensor Ambient Reference Test

DATE OF TEST 8/18/2011

SERVICE COMPANY NAME EPIC Compliance Systems Inc.	SERVICE COMPANY'S TELEPHONE 1-888-700-EPIC		
SERVICE TECHNICIAN <i>Alvin L. Milburn</i> Alvin L. Milburn	VEEDER-ROOT TECH CERTIFICATION # A27843		
	ICC or DISTRICT TRAINING CERTIFICATION # 0878949-VT		
STATION NAME: GGP-Cardlock / Rinehart Oil	DISTRICT PERMIT # 6875		
Station Address 1107 5th Street	City Oakland	State CA	ZIP 94607

STEP 9.1	PRESSURE SENSOR LOCATION: DISPENSER FUELING POINT (FP) or VENT STACK	FP# _____ <input type="checkbox"/> VENT STACK <input checked="" type="checkbox"/>	PRESSURE SENSOR SERIAL NUMBER: <u>1086</u>
STEP 9.2	REFERENCE PORT CAP REMOVED?	<input checked="" type="checkbox"/>	
	VALVE SET TO AMBIENT REFERENCE PORT (PER FIG. 8-3)?	<input checked="" type="checkbox"/>	
STEP 9.3	NON-CALIBRATED SENSOR VALUE <u>0.024</u> inches WC (OBTAIN VALUE USING TLS CONSOLE KEYPAD SEQUENCE SHOWN IN FIG. 8-4, Vapor Pressure)		
STEP 9.4	PRESSURE BETWEEN +0.20 & -0.20?	Yes <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>
	IF NO: THE PRESSURE SENSOR IS NOT IN COMPLIANCE WITH THE PRESSURE SENSOR REQUIREMENTS OF EXHIBIT 2.		
STEP 9.5	REFERENCE PORT CAP REPLACED?	<input checked="" type="checkbox"/>	
	VALVE SET TO NORMAL VALVE POSITION (PER FIG 8-3)?	<input checked="" type="checkbox"/>	
STEP 9.6	MODE KEY PRESSED TO EXIT PMC DIAGNOSTIC MENU?		<input checked="" type="checkbox"/>