MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California
Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information	on [•			
Facility Name: GGP Carc	llock-Rinehar	t Oil				Bldg. No	
Site Address: 1107 5th	Street			_ City: Oakland, CA	\	_Zip:_94607	
Facility Contact Person: M	like Sabella			Contact Phone No:	408-480)-4387	
Make/Model of Monitoring	System: VR T	LS-350		_ Date of Testing/Servi	eing: 8	/1/2012	
B. Inventory of Equipment Tested/Certified Check the appropriate boxes to indicate specific equipment inspected/serviced:							
Tank ID: 1 – 87			Tank ID:	3 – Diesel			
☑ In-Tank Gauging Probe.	Model:	MAG-1	☑ In-Tank	Gauging Probe.	Model:	MAG-1	
✓ Annular Space or Vault Sens		420	🗹 Annular	Space or Vault Sensor.	Model:	420	
☑ Piping Sump / Trench Senso		208	☑ Piping S	Sump / Trench Sensor(s).	Model:	208	
Fill Sump Sensor(s).	Model:		🗆 Fill Sun	np Sensor(s).	Model:		
☑ Mechanical Line Leak Detection	ctor. Model:	116-056	☑ Mechan	ical Line Leak Detector.	Model:	99LD2000	
☐ Electronic Line Leak Detect				ic Line Leak Detector.	Model:		
Tank Overfill / High-Level S	Sensor. Model:		☐ Tank O	verfill / High-Level Sensor.	Model:		
Other (specify equipment ty	pe and model in S	Section E on Page 2).	Other (s	pecify equipment type and	model in Se	ction E on Page 2).	
Tank ID: 2 - 91			Tank ID:_				
☑ In-Tank Gauging Probe.	Model:	MAG-1		Gauging Probe.	Model:		
✓ Annular Space or Vault Sens	sor, Model:	420		Space or Vault Sensor.	Model:		
☑ Piping Sump / Trench Senso		208		Sump / Trench Sensor(s).	Model:		
☐ Fill Sump Sensor(s).	Model:			ip Sensor(s).	Model:		
☑ Mechanical Line Leak Detection	ctor. Model:	116-056	II .	ical Line Leak Detector.	Model:		
☐ Electronic Line Leak Detect				nic Line Leak Detector.	Model:		
☐ Tank Overfill / High-Level S	Sensor, Model:		Lank O	verfill / High-Level Sensor.	Model:	uting E on Dogo (1)	
Other (specify equipment type)	pe and model in S	Section E on Page 2).	U Other (s	pecify equipment type and	model III Se	ction is on rage 2).	
Dispenser ID: 1/2 GGP				ID: 6/7		Pac Pride	
☑ Dispenser Containment Sens	sor(s). Model:	Beaudreau 404	Dispens	er Containment Sensor(s).	Model: 1	Beaudreau 404	
✓ Shear Valve(s).	_	,,	☑ Shear V		-		
☐ Dispenser Containment Floa	t(s) and Chain(s).		☐ Dispens	er Containment Float(s) and	l Chain(s).		
Dispenser ID: 7/8 GGP			Dispenser	ID:			
☑ Dispenser Containment Sens	ear(s) Model	Beaudreau 404		er Containment Sensor(s).	Model:		
☑ Shear Valve(s).	101(3). Intoden.	Deddareda To I	☐ Shear Valve(s).				
☐ Dispenser Containment Floa	it(s) and Chain(s).		Dispens	er Containment Float(s) and	d Chain(s).		
Dispenser ID: 1, 2, 3, 4, 5	5	Pac Pride	Dispenser				
☑ Dispenser Containment Sens	sor(s). Model:	Beaudreau 404	8 .	er Containment Sensor(s).	Model: _		
☑ Shear Valve(s).	in the state of th		Shear V		1.09 ! ()		
Dispenser Containment Float	ለ(s) and Chain(sٰ).		1	er Containment Float(s) and			
*If the facility contains more ta							
C. Certification - 1 co	ertify that the	equipment identified i	in this doc	ument was inspected/sea	rviced in	accordance with the	
manufacturers' guideling	es. Attached to	this Certification is info	ormation (c.	g, manufacturers' checkli	sts) necess	ary to verify that this	
information is correct as	nd a Plot Plan s	howing the layout of mo	onitoring eq	uipment. For any equip	ment capal	ole of generating such	
reports, I have also attac	hed a copy of the	report; (check all that a	pply):	⊠ System set-up ⊠	Alarm his	tory report	
		•					
				signature: Olleri	PMI	<i>A.C.</i> .	
Technician Name (print):	Al Milburn		S	lignature: <u>Ulleria</u>	: 111 18	gui-	
	A27843		·	icense No. 956593			
		C	-		EDIC		
0 × ×		ance Systems Inc.		Phone No. 888-700	ーにトェク		
Testing Company Address:	1435 Hunting	gton Ave, Suite 23	.0 5 г	Date of Testing/Servicing	× 8/1/2	012	
UN-036 - 1/4	South San Fr	rancisco, CA 94080 Page	1 of 4	vare or a certificact Archif	. 0/1/2	Rev. 06/04/01	
		E.,,3					

Monitoring System Certification



D. Results of Testing/Servicing

D. Results of Lesting/Servicing		sting/bervicing		
Software Version Installed: 329.01		talled: 329.01		
Complete the following checklist:		ing checklist:		
☑ Yes	☐ No*	Is the audible alarm	operational?	
☑ Yes	☐ No*	Is the visual alarm of	perational?	
☑ Yes	☐ No*	Were all sensors vist	ally inspected, functionally tested, and confirmed operational?	
☑ Yes	□ No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will		
	not interfere with their proper operation?			
☑ Yes	☐ No*	If alarms are relay	ed to a remote monitoring station, is all communications equipment (e.g. modem)	
	□ N/A	operational?		
☑Yes	□ No*	For pressurized pipin	ng systems, does the turbine automatically shut down if the piping secondary containment	
	□ N/A	monitoring system d	etects a leak, fails to operate, or is electrically disconnected? If yes: which sensors initiate	
		positive shut-down?	(Check all that apply) ☑ Sump/Trench Sensors; ☑ Dispenser Containment Sensors.	
			itive shut-down due to leaks <u>and</u> sensor failure/disconnection? ☑ Yes; ☐ No.	
□Yes	□ No*	For tank systems the	nat utilize the monitoring system as the primary tank overfill warning device (i.e. no	
	☑ N/A	mechanical overfill	prevention valve is installed), is the overfill warning alarm visible and audible at the tank	
			ating properly? If so, at what percent of tank capacity does the alarm trigger?%	
☐ Yes*	☑ No		equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced	
			urer name and model for all replacement parts in Section E, below.	
□Yes*	☑ No		side any secondary containment systems designed as dry systems? (Check all that apply)	
			r. If yes, describe causes in Section E, below.	
☑ Yes	□ No*		em set-up reviewed to ensure proper settings? Attach set up reports, if applicable	
☑ Yes	□ No*		ipment operational per manufacturer's specifications?	
* In Secti	on E below	, describe how and w	then these deficiencies were or will be corrected.	

E.	Comments:	
	·	

Rev. 06/04/01

Monitor	ing Systen	n Certification	J.E.P.II.C
			Toolstayet british to
F. In-	Tank Ga	uging / SIR Equip	
			☐ Check this box if no tank gauging or SIR equipment is installed.
This see	ction mus	st be completed if it	n-tank gauging equipment is used to perform leak detection monitoring.
Complet	te the follo	wing checklist:	
☐ Yes	□ No*		been inspected for proper entry and termination, including testing for ground faults?
☐ Yes	□ No*	Were all tank gaugin	g probes visually inspected for damage and residue buildup?
☐ Yes	□ No*	Was accuracy of syst	em product level readings tested?
☐ Yes	□ No*	Was accuracy of syst	em water level readings tested?
☐ Yes	□ No*	Were all probes reins	talled properly?
☐ Yes	☐ No*	Were all items on the	equipment manufacturer's maintenance checklist completed?
* In the	Section II,	below, describe how	and when these deficiencies were or will be corrected.
	Í	,	
G. Lin	e Leak D	etectors (LLD):	☐ Check this box if LLDs are not installed.
Complet	e the follow	wing checklist:	
☑ Yes	□ No*		up or annual equipment certification, was a leak simulated to verify LLD performance?
	□ N/A	(Check all that apply) Simulated leak rate: ☑ 3 g.p.h.; ☐ 0.1 g.p.h; ☐ 0.2 g.p.h.
☑ Yes	☐ No*	Were all LLDs confir	med operational and accurate within regulatory requirements?
☑ Yes	□ No*	Was the testing appar	atus properly calibrated?
☑ Yes	□ No* □ N/A	For mechanical LLD	s, does the LLD restrict product flow if it detects a leak?
☐ Yes	□ No* ☑ N/A	For electronic LLDs,	does the turbine automatically shut off if the LLD detects a leak?
☐ Yes	□ No*☑ N/A	For electronic LLDs, or disconnected?	does the turbine automatically shut off if any portion of the monitoring system is disabled
☐ Yes	☐ No* ☑ N/A	For electronic LLD malfunctions or fails	s, does the turbine automatically shut off if any portion of the monitoring system a test?
☐ Yes	□ No* ☑ N/A	For electronic LLDs,	have all accessible wiring connections been visually inspected?
☑ Yes	□ No*	Were all items on the	equipment manufacturer's maintenance checklist completed?
* In the S	Section II,	below, describe how	and when these deficiencies were or will be corrected.
TT ()	4	Managar Andrews	
H. Con	aments:	Polyania marina di Polyania mari	

			,

Page 3 of 4

Rev. 06/04/01



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

LDT- 890 Test Form & VMI Warranty Checklist $October\ I^{st}, 2006$

Test Information:

	1						
Date: 8/1/2012		Test	Test Company: EPIC Compliance Systems In				
Telephone:408-480-4	387	Con	Contact: Mike Sabella				
Site I.D: GGP Cardle	ock Rinehart	Oil Add			1107 5th Street		
City: Oakland		Stat	State: _CA		94607		
Type of Test Equipment:_	1						
Submersible Pump Identif	ication:						
MFG:FE Petro	Model No:	STP-150-132-	<u>24</u> Se	rial No: _	98090127	7	
Leak Detector Identificatio	<u>n:</u>	*.					
MFG: Red Jacket	Model No:	116-056	Ser	ial No: _	11104-418	89	
Replacement Leak Detector	<u>or Identificat</u>	<u>ion:</u>					
MFG:	Model No: _		Se	rial No: _			
Line Conditions							
1. Type of Pipe:Amero	on	2. Diameter of F	ipe: <u>2"</u>	3. Len	gth of Pipe: _	70′	
4. Burial Depth of Leak Det	tector: 35"	5. Kind of Fuel:	87	6. Date	of Last Line	Test: -	
Test Conditions 1. Operating Pump Pressu 3. Static Line Pressure (Pu 5. Step-through time to full 6. Leak detector stays in Le 7. Was the leak detector ac	mp Off:29 I flow4 eak Search I	9_ 4. Bleedback seconds (0 p Position with a 3	Test (Pur si. to full GPH leak	np Off): _ pump pr	200 ml. essure, no le	ak)	
Symptoms 1. Won't find 3 GPH leak: _ 3. Other:		_ 2. Stays in SI	ow Flow:				
		Under Warranty		-	_		
Vaporless RGA#:		,					
Telephone:							
Customer Control #:		Address: _		100 100 A 400 A	PhANA Commission of the Commis		
City:	- Continue de la cont	State:			Zip	!	

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



Vaporless Manufacturing, Inc. Quality Petroleum Equipment

Solutions for Over 20 Years

LDT- 890 Test Form & VMI Warranty Checklist $October\ i^{st}, 2006$

<u>Test Information:</u>	000	wer 1 , 2000		
Date: 8/1/2012		Test Company	: EPIC C	ompliance Systems Inc.
Telephone:408-480-4387	7	Contact:	Mike S	abella
Site I.D: GGP Cardlock	Rinehart Oil	Address:	1107 5	5th Street
City: Oakland		State: _CA	Zip: _	94607
Type of Test Equipment:	LDT - 890			79990dilaspagadadada yaqquudani 1994 19900990aabada ka
Submersible Pump Identification	tion:		6	
MFG: FE Petro Me	odel No: STP-150-	-132-24 Ser	ial No: _	98090128
Leak Detector Identification:				
MFG: Red Jacket Mc	del No: 116-05	6 Seri	al No:	11104-4190
Replacement Leak Detector Id	dentification:			
MFG: Mo	del No:	Ser	ial No: _	***************************************
<u>Line Conditions</u>				
1. Type of Pipe:Ameron	2. Diamete	er of Pipe: <u>2"</u>	3. Leng	jth of Pipe:70′
4. Burial Depth of Leak Detect	tor: <u>31″</u> 5. Kind of	Fuel: 91	6. Date	of Last Line Test:
Tank Canadiki aya				
<u>Test</u> <u>Conditions</u>				
1. Operating Pump Pressure:		-		
3. Static Line Pressure (Pump			*	
5. Step-through time to full flo		•		•
6. Leak detector stays in Leak			- Yes:	A_PASS No:FAIL
7. Was the leak detector adjus	sted – Yes: No	: <u>X</u>		
Symptoms				
1. Won't find 3 GPH leak:	2. Stays	in Slow Flow: _		-
3. Other:				
************ If This Unit Is R	eturned Under Warr	anty Please Cor	nplete Tl	he Following ********
Vaporless RGA#:		•	•	
Telephone:		Contact:		
Customer Control #:				
City:	S	tate:		Zip:

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