

By J.R. Roberts August 1, 2013 www.tanknology.com



About Tanknology

 Tanknology Inc. is the leading provider of fuel system compliance testing solutions in the United States. We provide compliance and inspection services to nearly 50,000 sites and 3,000 customer annually. We support a diverse customer base, ranging from large National oil companies, hypermarketers, and logistics companies, to regional distributors and single site owner/operators across 50 states.







About Tanknology

At A Glance

- Founded in 1988
- Tested over 1 million tanks
- Fleet of 125 service vehicles
- Service 50 states
- Responsible for compliance management at over 11,000 sites nationwide.
- An Ever-Growing list of 20+ Alliance Partners Nationwide.
- 22 Licensees in more than 28 Countries Worldwide.







Tanknology Services

Compliance Testing

Tank Line and Leak Detector Helium Leak Pinpointing Aboveground Tank Testing Secondary Containment Testing

• ATG Certifications

- System Installations Operational Verifications
- Cathodic Protection Services
 - Impressed Current Systems Sacrificial Anode Design, Installation and Repair PetroScope™ Video Inspection
- Stage I and II Vapor Recovery
 - Testing (A/L, PD, etc.) Maricopa County PVVC (NESHAP Subpart CCCCCC) Owner/Operator Training
- Tank Deflection Analysis
 Proprietary Method









Tanknology Services Cont.

- Fuel Pure[™] Fuel Filtration
- Ethanol Preparation Services
 - Bottom Sweep Water Injection and Removal

Site Inspection and Audit Services

- State Required Inspections (A/B Operator) Customized Surveys Compliance Inspections Maintenance Assessments
- Online Operator Training
 Class C Operators
- Site Upgrades/Light Construction
 Spill Bucket Replacement
 Sump and UDC Repair
- Meter Calibration









Tanknology Service Contacts.

- Sales Manager- J.R. Roberts (602) 377-0033 jroberts@tanknology.com
- Division VP- Mark Lindsey (951) 538-6205 mlindsey@tanknology.com
- Scheduling- Jeff Kertis

 (800) 666-2176
 jkertis@tanknology.com









Self Manage/Manage by Exception and wait for the NOV to arrive.





-OR-

Implement a Proactive Compliance Program, Operator Training, Periodic Inspections and Required Testing



Self Manage/Manage by Exception.

- Non-Compliance
- Enforcement (NOV-Notice of Violation)
- Penalties (???\$\$\$/tank/day of violation)
- Impacts Business
- Uncontrolled Expense
- Possible Environmental Impact



Remember.....One NOV from an Inspector could mean several return visits. You are now under a <u>Microscope</u> of continued compliance. Not to mention, the potential Penalty.







A Good Proactive Compliance Program and/or Class A, B and C Operator Training Program.

- Help Minimize and Control Possible Environmental Impact
- Requirement for A, B, C Operators at every Gas Dispensing Facility, GDF.
- Requirements for certification for each level of Operator
- AZ approval for Operator Training Sources are still pending for A/B Operator. Class C operator training has been approved. See...http://www.usttraining.com/ (Energy Policy Act of 2005-Federal Mandate requires training at all levels by August 8, 2012).









Class of Operator

- Class A Persons having <u>primary</u> responsibility for on-site operation and maintenance of the UST Systems.
- Class B Persons having <u>daily</u> on-site operation and maintenance of UST Systems.
- Class C <u>All</u> daily on-site <u>employees</u> having primary responsibility for addressing emergencies presented by a spill or release from an UST System









Who Participates?

- All employees working on or around fuel storage and dispensing facilities will complete training.
- Goal is to insure a trained person is on site during all open hours of operation.







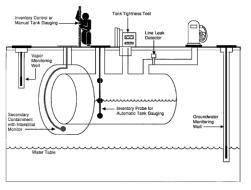


Purpose of Program

To maintain safe and controlled methods for storing and dispensing fuel.

To keep accurate documentation of the handling, monitoring and maintenance of the fuel facility.







Record Keeping

- It is the responsibility of the owner/operator.
- To maintain on site the most current copies of all testing, certifications and permits. The minimum test records required during Inspections are the following:
 - Monitor Certification Test(Includes LD Test)
 - Tank Test
 - Line Test
 - Stage I and II Testing (Maricopa County Only-ADWM)
 - Other Test Requirements **Coming Soon**
 - Secondary Containment Test
 - Spill Bucket Test
 - All Record Storage







Monitor Certification/LD Test

This certification must have been performed during the last 12 month period.

Date of Testin



MONITORING SYSTEM CERTIFICATION For Use By AI Juridations Within the State of California Authority Cited: Chapter 6.7, Heath and Safety Goog: Chapter 16, Division 3 The 28, California Code of Regulators

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 2 Tite 23, California Code of Aegulations must be used to downent entry and servicej or involving equipment. If now than one monthring system control panel is installed in the facility, a separate and the behavior of the control of the second s

	formation (SAMS' CLUB # 4922				DIV: MURRIETA		GA	ZID: 92563
	40492 MURIETTA H				Contact Phone No: 696-4500			
				_	Date of Testing/Service: 10/03/20	108		
clify Conta	ct Person: MANAGER							
	of Monitoring System: T		,	— ,	Vork Order Number: 9162257			
	of Equipment Tested							
			ditc equipment inspecied/se	minert				
		ano apo	ene equipment neperiou de	_				
	87 NORTH				ank ID: <u>87 SOUTH</u>			
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	r Space or Vault Sensor.			X	Annular Space or Vault Sensor.	Model		
	Sump Trench Sensor(s).			X		Model	208	
	np Sensor(s).		208	X	Fill Sump Sensoris).	Modet	208	
	nicel Line Leek Detector.			X	Mechanical Line Leak Detector.	Modet	FX1V	
	nic Line Leak Detector.			C	Electronic Line Leak Detector.	Modet		
	werfillHigh-Level Sensor.			×	Tank Overfill High-Level Sensor.	Model	EXTERNA	LALARM
	specify equipment type and	i lebom b	n Section E on page 2).		Other (specily equipment type and r	nodel in S	Section E on	page 2).
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	Gauging Proba.		MAG 2		In Tank Gauging Proba.			
	r Space or Vault Sensor.							
	SumpiTrench Sensor(s).							
	np Sensor(s).	Model						
	nical Line Leak Detector. nic Line Leak Detector.	Model: Model:	FXIV	C	Mechanical Line Leak Detector.			
	warfillHigh-Level Sensor,				Electronic Line Leak Detector.			
	wantin-tigh-Level Sensor. Isocify equipment type an				Tank Overfill High-Level Sensor.	Model		
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	ID: ser Containment Sensor(s)				Dispenser Containment Sensor(s).			
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Dispen	ser Containment Float(s) a	nd Chair	(6).		Dispenser Containment Float(s) and	d Chain(s	ø.	

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	_Signature:Signature:
Technician Name (print): WILLIAM ROGERS	_Signature:Y
Certification No.: A29884	Liberise. No.: 743160 (Class 'A' General Engineeing Contractor License)
Testing Company Name: Tanknology	Phone No.: (800) 900-4633
Site Address: 11000 N. MoPac Expressway, sulle 500, Austin, TX 78759	Date of Testing/Benvicing: 10/03/2008

Monitoring System Certification

Software Version Installed: 324.03

Complete the following check

X Yes	□ No [*]		is the audible alarm operational?
X Yes	No*		is the visual alarm operational?
X Yes	No*		Were all sensors visually inspected, functionally tested, and confirmed operational?
X 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"	XNA	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modern) operational?
X Yes	□No*	□ NA	For presented piping systems, does the turbine automatically shut down if the piping secondary containment monotomic groups motions at least , bit to operate, or the identically disconnected if types, which removes initials positive shut-down? (check all that apply) [2] Sump?Tench Sensors; [2] Dispenser Containment Sensors. Do dyou conting positive Shut-down de to beats gging sensor failure/dostometabrin? [2] yein [] No
X Yes	□ №*	□ NA	For lank systems that utilize the monitoring system as the primary tank overfill warring device (i.e. no mechanical overfill prevention value is installed), in the overfill warring alarm visible and audite at the tank fill points(s) and operating properly? If iso, advect prevent of tank expandly does the alarm trigger?
Yes"	XNo		Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
Yes"	X No		Was liquid found inside any secondary containment systems designed as dry systems? (check all that apply) Product; Water. If yes, describe causes in Section E, below.
X Yes	No"		Was monitoring system set-up reviewed to ensure proper settings? Attach set-up reports, if applicable.
X Yes	No"		is all monitoring equipment operational per manufacturers' specifications?
.,	n Section	E below	r, describe how and when these deficiences were or will be corrected.

E. Comments:

Monitoring System Certification

e Address: 40492 MURIETTA HOT SPRINGS Date of Testing/Service: 10/03/2008

F. In-Tank Gauging / SIR Equipment

Check this box if tank gauging is used only for inventory control
Check this box if no tank gauging or SIR equipment is installed

Check this box if no tank gauging or SIR equipment is installed.

ving checklist:

501	mbiete tra	, IOHOWII	il cuconisi:
	X Yes	□No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
	X Yes	□No*	Were all tank gauging probes visually inspected for damage and residue buildup?
	X Yes	No"	Was accuracy of system product level readings tested?
	XYes	□ №.	Was accuracy of system water level readings tested?
	X Yes	□ №.	Were all probes reinstalled property?
	X Yes	□ _{N0} .	Were all items on the equipment manufacturers' maintenance checklist completed?
	* in the S	iection H,	below, describe how and when these deficiencies were or will be corrected.
	G. Line	Leak	Detectors (LLD) :

a. Line Leak Detectors (LLD) :

Complet	e the fol	lowing c	becklist:
X Yes	□No*	□ NA	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? (Check all that apply) Simulated leak rate: [X] 3 g.p.h0.1 g.p.h0.2 g.p.h
X Yes	□ No*		Were all LLDs confirmed operational and accurate within regulatory requirements?
X Yes	□ №°		Was the testing apparatus property calibrated?
X Yes	□ ‰*	🗆 N/A	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
Ves 1	□ №'	🖄 NVA	For electronic LLDs, does the turbine automatically shut off if the LLD delects a leak?
Ves	□ №°'	🗶 NA	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected
Ves Ves	□ №°	X NA	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system mailunctions or fails a test?
Vee Vee	⊡No*	🗶 nva	For electronic LLDs, have all accessible wiring connections been visually inspected?
X Yes	□ №°		Were all items on the equipment manufacturers' maintenance checklist completed?
* In the	Section H	, below,	describe how and when these deficiencies were or will be corrected.

H. Comments:



Page 3 of 3



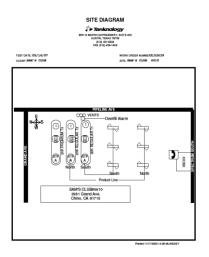
Monitoring System Certification

Tank Testing

- This may have been done at startup on double walled tanks.
- Required annually on Single walled tanks that do not have any form of leak detection in place.
- Must have most current test available.



		cnology	et	TANKNOLOGY CERTIFICATE OF TESTING BEEN MICHAE EXPRESSIONAY, SUITE 400 AUSTIN, TEXAS TREES TELEPHONE (31) 49-0304 FAX (312) 458-469 TEST RESULT SUMMARY REPORT									
PURPOS	an o	OMPLIANCE											
TEST D	ATE: 0	51607		120114				WORK OR	DER NUM	NIR: 212	9639		
								CUSTON					
CLIENT							TE: SAM'S CLUB		en res				
CLIENT	DEPT			1961 GRAND AVENUE									
		CUTOWEST STH ST	DEET	DIGI GRAND AVENUE CHINO, CA 91710									
	BENT	ONVILLE, AR 72715	4297	CHIMIC, CARTIO									
	Kevit	Allen					MARIO						
	(478)	204-0121					(\$09,545-6172	3					
				Tani	k Tightnes	s Te	sts Results	TEST	TYPE: V	CUTHON			
TANK		PRODUCT		TANK	TANK		TANK	PRODUCT	EXTE		TEST	RESULT	
87.6	1	UNLEADED		CAPACITY 19,703	118.0		FIERRG	LEVEL 80.50	WATER	LEVEL	PASS		
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		consequences and		Product	Pipe Tigh	1701	s Test Result						
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10		MANUFACTURER	MODEL	# BERIAL	.# REB 142 P						.,	RESU	
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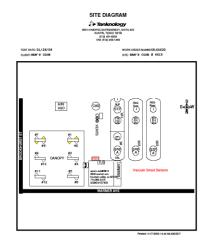


Line Tests

- This may have been done at startup on double walled lines.
- Normally done with Monitor Certification every 12 months if lines are single wall.
- Must have most current test available.



dir Tan	nia	nology	0501 N M	NKNOLOGY C SPAC EX PRESENT ELEPHONE (\$12)	AY.	RIFTE	400 AUSTIN, TE	XAS 78759		
PURPOSE-		WER MANTE		ELEPHONE (512) EST RESULT						
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								CUSTOMER PO:		
CLIENT: SA		~					SAM'S CLUBA			
	PT.						MAD WARNER			
		UTHWEST 8TH ST	REET					LLEY, CA 92700		
		INVILLE, AR 72712	4297							
	win.#						HUBERT			
(47	19)25	4-8131					(714)985-0410			
				Product Pipe	Tigh	tnes	Test Result	TEST TYPE:	TLD-1	
LINE		LINE PRODUCT	LINE MATERIAL	DELIVERY		TES		TINAL LEAD	CRATE (gpf)	IMPAC VALVE
87 east	1	REGULAR.	ON FIRES	PRESSORE	2			0.000		T
87 west		REGULAR	ON FIRENG	PRESSURE	P .			0.000		T
91		PREMIUM	OW FIRENG	PRESSORE	8	2		0.000 0.000		T
diesel	4	DIESEL	OW FIRENG	PRESSORE	2			0.000		T
	_		ISTING LEAK DET	Existing Line	Les	ė De	ector Test	EXISTING LEAK DE	TECTOR #2	
LINE		MANUFACTURE	MODEL #	SERVAL	RES	UL.T	HANUPACTUR	ER NODEL #	SERIAL #	RESU
87 east	1	RED JACKET	FXIV	409070947	2					
87 west		TEND JACKET	FX1V	409070948	₽.					
91		RED JACKET	FXIV		P .					
diesel	4	RED JACKET	FX1-DV	1909072848	۴.					
	_	- BE	Non PLACED LEAK DE	Replacement	Lin	e Le	k Detector	OST	TECTOR #2	-
LINE		MANUFACTURE		SERMLS	RES	ILLT	MANUFACTUR	IER MODEL #	SERIAL #	RESU
			1		1					1
			1		1					1
For own	ner de	taled a port informati	its, visit www.ianka.ol	ogroup and select (bli	e Teps	to-WRAP, or cash	iact your local Tankno	og effar.	-
	mere	ATRICK M PFRAN	0			Tech	vician Certificate	n Number: 1990		
Tester Nar			-							
Testlar Nad										
Tealer Nar		Patrick	Phy							





Stage I and II Testing

This testing must be done annually within the same month every year(Maricopa County Only).

- Pressure Decay Test(TP 91-1 or TP 96-1)
- Liquid Blockage Test (TP 201.4)
- Air to Liquid Ratio Test (TP 201.5)



			r Recovery st Checklist		Pre-Test Date	
Type of VR System:	Site Location Name Address City, State, & Zip Balance	Vapor Vac	Na Ad	me dress y, State, & Zip	N	es o
	Manifold	Dedicated	Vent pipe co	lor		
87 UNL Actual Tank Size (gal) Gallons Ullage Ullage%	87 UNL Tank Siz Gallons Ullage Ullage%	•	89 MUL Tank Size Gallons Ullage Ullage%	=	91 SUL Tank Size Gallons Ullage Ullage%	
Test Criteria: Total Tank Capacity	Test Time	Test Method Total Gallons	TP 91-1	TP 96-1 Total Ullag	ge	
Total Ullag	e X5r	nin/1000 Gal =	Ler	ngth of Test	Pre Test Completion Che Communication	ecklist: Results
Tank Pad Inspection:	Spill Bucket	Spill Bucket	Spill Bucket	Fill Vapor	AL	Results
	Properly Grade Installed & Tested	Clean &	Drain Operable	Caps & Gaskets	Pressure Decay	Results (value)
	87 Y N 87 Y N	Y N Y N	Y N Y N	Y N Y N	PV Tested Dry & Clean	Results
	89 Y N 91 Y N	Y N Y N	Y N Y N	Y N Y N	Liquid Blockage	Results
	Y N Y N	Y N Y N	Y N Y N	Y N Y N	Test Dry Brakes	Results
Was all work performed b	by the testing company ?	Yes No	(If No then it	ndicate company)	gpm checked	Results
Was the system tested a	ter repairs ?	Yes No			Checked Vapor Pot	Results
					Checked for Skimmers	Results
	comply with federal, state				r return line and tanks, have been ts annual test.	
Tester Signature			Date			



Other Testing(Secondary Containment)

Secondary containment tested every 3 years or continuous monitoring required.

Phased in over 3 years based on tank install date.

This form is intended for use by appropriate pages of this form reintouts from tests (if applical	to report	results	for all ci	antropy of a	exted The o	omnleted for	m writen t	est pro	eceda	res and	
www.oursycomness.co.appuca	ue), anou				INFORM		manario ine	aocui	regu	atory age	incy.
Facility Name: SAM'S 6	19					D	ne of Testin	r: 01	1/21	/2009	
	ORTH M	ILLI	CEN AVE	, ONTA	RIO, CA,	91764			-		
Facility Contact: STE	/2					Phone:	(909) 4	76-9	259		
Date Local Agency Was Not	ified of T	esting	: /	/							
Name of Local Agency Insp	ctor (if p	resent	during tes	ting):							
	2.	TES	TING	CONTR/	CTOR P	FORMA	TION				
Company Name: TANKNOL	OGY, I	NC.									
Technician Conducting Test	JEF	FERY	SHANKI	.Е							
Credentials:	CS	LB Lio	ensed Co	ntractor	SWR	CB Licensed	d Tank Teste	r			
License Type: ICC					License N	imber: 800	08455-UT				
Manufacturer			1	Manufactu Compor	ent(s)			Dat	e Tra	ining Exp	ires
Franklin Fueling			INC	ON #232	7383761			1		1/2010	
Franklin Foeling											
Franklin Foeling										/ /	
Franklin Foeling										11	
Franklin Foeling											
Franklin Foeling		3.)F TEST I	RESULTS	;	_			
Component	Pass	3. Fail	SUM Not Tested	MARY C Repairs Made		RESULTS		tass 1		11	
	Pass		Not	Repairs				3 455	_	/ / / / Not	
Component	_		Not	Repairs				bass i	_	/ / / / Not	
Component 000 3-2	X		Not	Repairs				b ass	_	/ / / / Not	
Component 000 1-2 000 1-2	X		Not	Repairs					_	/ / / / Not	
Component 000 1-2 000 1-2 000 1-2	X X		Not	Repairs					_	/ / / / Not	
Component 6000 3-2 6000 3-2 7000 3-2 7000 3-4	X X X		Not	Repairs					_	/ / / / Not	
Component 000 3-2 000 3-2 000 3-4 000 3-4 000 3-6	X X X X		Not	Repairs					_	/ / / / Not	
Component 000 1-2 000 3-4 000 3-4 000 3-4 000 5-6 000 5-6	X X X X X		Not	Repairs					_	/ / / / Not	
Component 000 1-2 000 3-4 000 3-4 000 3-6 000 5-6 000 5-6	X X X X X X		Not	Repairs					_	/ / / / Not	
Component 000 1-2 000 3-4 000 3-4 000 3-6 000 5-6 000 5-6	X X X X X X		Not	Repairs					_	/ / / / Not	
Component 000 1-2 000 3-4 000 3-4 000 3-6 000 5-6 000 5-6	X X X X X X		Not	Repairs					_	/ / / / Not	
Component 000 1-2 000 3-4 000 3-4 000 3-6 000 5-6 000 5-6	X X X X X X		Not	Repairs					_	/ / / / Not	
Component 000 1-2 000 3-4 000 3-4 000 3-6 000 5-6 000 5-6					Cor	aponent			_	/ / / / Not	

		Manuf (Spec		er			х	Industr	y Sta	ndard	[P	ofessi	ional E	ingineer
Test Method Used:	Press	ure						Vacua	m		Γ	XН	drost	atic	
	Other	(Speci	(M				_					_			
Test Equipment Used: INCON TS-	STS								Equ	ipment	Reso	lution:			
	UDC	•	1-2	2	UDO		1-2		ux		3-1	4	UDC	•	3-4
UDC Manufacturer:		Gilb	arco			6111	parc	, ,		G111	barc	10		G111	arco
UDC Material:		FP	RΡ			F	RP			F	RP			F	RP
UDC Depth:		16	-			1	٤.			1	6.			1	٤.
Height from UDC Top to Top of Highest Piping Pentration:		9	•			s	-			1	•			\$	-
Height from UDCTop to Lowest Electrical Pentration:		6									•				•
Condition of UDC prior to testing:		0				_	ĸ			_	ок			_	ĸ
Portion of UDC Tested: 1		11	•			1	1*			1	1"		11"		
Does turbine shut down when sump sensor detects liquid (both product and water)?*	þ	Yes	No	XNA		Yes]Nd	X NA		Yes	No	× N/		řes 🗌	NoX
Turbine shutdown response time:															
Is system programmed for fail-safe shutdown?*		Yes	No	XNA		Yes	No	X NA		Yes	No	X N/		řes	No X
Was fail-safe verified to be operational?*		Yes	No	X NA		Yes]No	X NA		Yes	No	X N/		řes	NoX
Wait time between applying pressure/vacuum/water and starting test:		15 6	tins		15 Mins				15 Mins				15 Mins		
Test Start Time:		07:5	8 10	6		08:1	5 A	4		07:					5 AM
Initial Reading (Rt):		6.2		_			834	_			9416				420
Test End Time:		08:1		•	1		10 A	•	1	08:			1		10 AM
Final Reading (Rp.):		6.2					833				9418				423
Test Duration:		15 M	tins			15	Ming			15	Mins	s		15	Mins
Change in Reading (R p- RI):			005				0001				0002				003
Pass/Fail Threshold or Criteria:		.00	020			. 0	020			.0	020			. 0	020
Test Result:	X	Pass		Fail	×			Fail	X	Pass		Fail	X	Pass	Ē
Was sensor removed for testing?	X	Yes	No	NA	X	Yes	No	NA	X	Yes	No	N/	X	řes 🗌	No
Was sensor properly replaced and verified functional after testing?	×	Yes	Nd	NA	×	Yes	Nd	NA	x	Yes	Nd	NA	×	ťes	No
Comments - (include information	onn	spairs i	made	priort	otes	ring, an	d rec	-	ded f	ollow-u	op for	failed	tests)		

¹ If the entire depth of the UDC is not tested, specify how much was tested. If the answer to any of the questions indicated with an asterisk (*) is "NO" or "NA", the entire UDC must be tested. (See SWRCB LG-160)

Tanknology	

7. UNI	ER-DISPENSER O	ONTAINMENT (U	DC) TESTING	1.00		
	UDC Manufacturer	X Industr	y Standard Professional Engineer			
	Other (Specify)					
Test Method Used:	Pressure	Vacua	m X Hy	drostatic		
H	Other (Specify)		·			
Test Equipment Used: INCON TS-	STS		Equipment Resolution:			
	UDC# 5-6	UDC# 5-6	UDC# 7-8	UDC# 7-8		
UDC Manufacturer.	Gilbarco	Gilbarco	Gilbarco	Gilbarco		
UDC Material:	FRP	FRP	FRP	FRP		
UDC Depth:	16"	16"	16"	16*		
Height from UDC Top to Top of						
Highest Piping Pentration:	9-	9*	9 -	9"		
Height from UDCTop to Lowest	6*	6	6 *	6		
Electrical Pentration:	-	÷	÷	•		
Condition of UDC prior to testing:	OK	OK	OK	oĸ		
Portion of UDC Tested: 1	11*	11"	11	11"		
Does turbine shut down when						
sump sensor detects liquid (both	Yes No X NA	Yes No X NA	Yes No X NA	Yes No X NA		
product and water)?*						
Turbine shutdown response time:						
Is system programmed for fail-safe shutdown?*	Yes No X NA	Yes No X NA	Yes No X NA	Yes No X NA		
Was fail-safe verified to be operational?*	Yes No X NA	Yes No X NA	Yes No×NA	Yes No XNA		
Wait time between applying pressure/vucuum/water and starting test:	15 Mins	15 Mins	15 Mins	15 Mins		
Test Start Time:	07:58 AM	08:15 AM	07:58 AM	08:15 AM		
Initial Reading (Rt):	4.2791	4.2787	5.8819	5.8812		
Test End Time:	08:13 AM	08:30 AM	08:13 AM	08:30 AM		
Final Reading (Rp.):	4.2787	4.2786	5.8812	5.8810		
Test Duration:	15 Mins	15 Mins	15 Mins	15 Mins		
Change in Reading (R p- RI):	.0004	.0001	.0007	.0002		
Pass/Fail Threshold or Criteria:	.0020	.0020	.0020	.0020		
Test Result:	X Pass Fail	X Pass Fail	X Pass Fail	X Pass Fail		
Was sensor removed for testing?	X Yes No NA	X Yes No NA	X Yes No NA	X Yes No NA		
Was sensor properly replaced and verified functional after testing?	X Yes No NA	X Yes No NA	X Yes No NA	X Yes No NA		
Comments - (include information	n on repairs made prior to	o testing, and recommend	ded follow-up for failed t	ests)		

SWRCB, January 2003



he entire depth of the UDC is not usted, specify how much was usted. If the answer to any of the questions indicated wi sk (*) is "NO" or "NA", the entire UDC must be totad. (See SWRCB LG-160)

Other Testing(Spill Bucket Testing)

Fill spill buckets.

- This test can be done with the monitor certification.

9. Spill Bucket Testing Report Form ting of UST spill contain 1. FACILITY INFORMATION

Must be done once every 12 months.

'his form is intended for use b ppropriate pages of this form rintouts from lests (if applica	to report ble), shou	result Id be p	for all co revided to	mponents i the facilit	ented. The completed form, 1 1 owner/operator for submitted INFORMATION	when it is the solution of the	al regu	ie the eres, and latory age	мсу.
Facility Name: SAM'S C	LUB # 4	709	1. 1.4	citari		(Testing:	05/06	/2009	
Facility Address: 1395	E. ONT	ARIO	AVE X/	ST 15 F	WY , CORONA, CA, 91				
Facility Contact: MAN	AGER				Phone: (9	51) 582-	0319		
Date Local Agency Was No	ified of T	esting	: 04/20	0/2009					
Name of Local Agency Insp	ector (if p	resent	during tes	ting):					
	2,	TES	TING	CONTR	CTOR INFORMATI	ON			
Company Name: TANNNOL	OGY, I	NC.							
Technician Conducting Test	WIL	LIAM	ROGERS						
Credentials:	CS	LB Lic	ensed Co	ntractor	× SWRCB Licensed Ta	nk Tester			
License Type: TANK TES	TER				License Number: 3-164	7			
Manufacturer			1	Manufactu Compor	rer Training ent(s)	D	late Tra	ining Exp	ires
								11	_
								11	
								1 1	
								1 1	
		3.	SUM	MARYC	F TEST RESULTS				
Component	Pass	Fail	Not	Repairs	Component	Pass	Fail	Not	Repairs
		Fall	Tested	Made	Component	Pass	Fall	Tested	Made
pill Box 1 MEG FILL	X	닏							
pill Box 1 MEG VAPOR	x	Ш	LLL.				ļЦ		
pill Box 2 MEG FILL	x								
p111 Box 2 REG VAPOR	X								
pill Box 3 PRE FILL	X								
10111 Box 3 PRE VAPOR	X								
	무	TH					IH		
		R							181
						-18	H		
****							İĦ		HH
-					- And a second stress of sector				
bydrostatio testing was perform	Id, describ			rith the wate	r after completion of tests:				

w Was Notified of Tastino : 04/20/2 . TESTING CONTRACTOR INFORMATIO 3. SPILL BUCKET TESTING INFORMATION Othe acket Installation Type ait time be 15 MINS 15 MINS water and sta End Time (Tp hange in Reading (R p - I Pass Fail X Pass Fail X Pass Fail CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING

State laws and regulations do not currently require testing to be performed by a qualified or may be more stringent.

15 MIN

15 MIN:

Facility Name: SAM'S CLU		ILITY INFORMAT	Date of Testing: 0	5/06/2009	
Facility Address: 1395 E	ONTARIO AVE X/S	T 15 FWY , CORONA	, CA, 91719		
Facility Contact: NANAG	ER	Pt	ione: (951) 582-0	319	
Date Local Agency Was Notifi	ed of Testing : 04/20/	2009			
Name of Local Agency Inspect	or (if present during testi	s):			
	2. TESTING C	ONTRACTOR INF	ORMATION		
Company Name: TANNNOLOG	Y, INC.				
Technician Conducting Test:	WILLIAM ROGERS				
Credentials ¹ : CSLB Contr	actor CC Service 1	Fech. X SWRCB Tank	Tester X Other (Specif) TANK TESTER	
License Number: 3-1647					
	3. SPILL BUCK	ET TESTING INF	ORMATION		
Fest Method Used	X Hydrostatic	Vacaum	Other		
Test Equipment Used:			Equipment Resolution:		
new industries conce			Edubric Kategorie		
dentify Spill Bucket(By Tank Vamber, Stored Product, etc.)	1 3 PRE F112	2 3 PRE VAPOR	,	•	
Backet Installation Type:	Direct Bury	Direct Bury	Direct Bury	Direct Bury	
stetter institution type.	Contained in Sump		Contained in Sump	Contained in Sump	
Backet Diameter:	11	11			
Bucket Depth:	10	12			
Wait time between applying vacuum/water and starting lest:	15 MINS	15 MINS			
Test Start Time (TI):	8:30	8:30			
Initial Reading (R ₁):	9	9.5			
Fest End Time (Tp):	9:30	9:30			
Final Reading (Rp.):	9	9.5			
Test Duration:	1 HOUR	1 HOUR			
Change in Reading (R p - RI):	0	0			
Pass/Fail Threshold or Criteria:	0	0			
	X Pass Fail	X Pass Fail	Pass Fail	Pass Fail	

Spill Rucket Testing Report Form

SWRCB, January 200

CERTIFICATION OF TECHNICIAN RESPONSIBLE FOR CONDUCTING THIS TESTING



itate laws and regulations do not currently require to nav be more stringent.

Best Practice-Record Storage

- Keep copies of all tests, certifications and permits in one location.
- Keep all test records in chronological order. (by date, newest to oldest)
- Keep one Binder for Environmental
- Keep one Binder for Air Quality(ADWM)







Best Practice-Hazardous Waste

Remember, all liquid and debris removed from any fuel area is to be treated as a hazardous waste and disposed of properly.

Place it in your hazmat barrels located on each site.

Make sure hazmat labels are placed on containers and filled out properly









Best Practice-Spill & Vapor Buckets

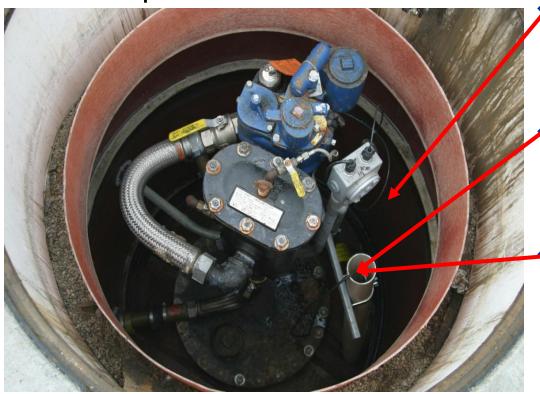
Premium Fill Spill Bucket

Spill & Vapor Buckets Must be kept Clean & Dry At all times Remove any standing liquid and/or debris Check caps for tight seal



Best Practice-Tank Sumps

STP Sump



Sump must be kept clean and dry.

- Sensor must be at the lowest point.
- Sensor must be in a straight up and down position.



Best Practice-Dispensers

Dispenser pan must be kept clean and dry.

- Check hanging hardware for cracks or leaks. (hoses, nozzles, break-a-ways etc)
- Sensor must be at lowest point.
- Sensor must be straight up and down.





Best Practice-Monitor Panel

You must perform a daily inspection (daily check) of your monitor system. (Veeder Root or Other Monitor System)

- This inspection consists of a system test.
- You must log this test Daily or Save Tape.







Best Practice-Alarm Log Entry

- Enter Daily check information.
- Enter all alarms and warnings.
- If follow-up needed, enter all necessary information in Repair Log
- Enter follow-up information as it is completed









Sample of Daily Monitor Inspection Log

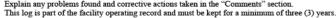
HAZARDOUS MATERIALS MONITORING SYSTEM INSPECTION FORM

The Hazardous Materials Storage Ordinance (HMSO) requires that hazardous materials electronic monitoring systems be tested and inspected monthly, at a minimum, to ensure that they are in working order. In the case of tanks holding hazardous wastes, State law requires that such tests and inspections be performed daily. The HMSO requires that these inspections and tests be documented. This form is used to document inspection and testing of the following monitoring system:

Manufacturer Name and Model No. of System:

Location of System Control Panel:

Inspection Date (MM/DD/YY)	Inspector's Initials	System Has Power	All Functions Normal	Audible & Visual Alarms Test OK	Comments/Corrective Actions
E-lain ann	-1.1		actions taken in	4. 50	4-77









Sample Alarm Log

ompany	.sam's clu				Location	Fresno, Ca	Month: 6/05
Date	Daily Ck	Initials	Time	Alarm	Reset	Action Taken	Signature
6/15/2005	OK	MTL			Y/N		
6/16/2005	OK	MTL			Y/N		
6/16/2005			11:30	LI	YO	Notified Mngr, Called Tanknology, see repair log	Mike Levesque
6/17/2005	OK	MTL			Y/N		
6/18/2005	OK	MTL			Y/N		
6/19/2005	OK	MTL			Y/N		
6/20/2005	OK	ىر			Y/N		
6/21/2005	OK	JC			Y/N		
6/22/2005	OK	Act			Y/N		
6/23/2005	OK	MTL			Y/N		
					Y/N		
					Y/N		
					Y/N		
				Y/N			
					Y/N		
					Y/N		
					Y/N		
					Y/N		*
					Y/N		
					Y/N		
					Y/N		
					Y/N		
					Y/N		
					Y/N		
					Y/N		
					Y/N		
					Y/N		
					Y/N		
					Y/N		
					Y/N		
					Y/N		

LIST ALL ALARMS INCLUDING DATE, TIME, ACTION TAKEN AND SIGNATURE OF PERSON ACKNOWLEDGING ALARM / DAILY CK & INITIALS





Keep Accurate Records

- Your Compliance Program is a partnership between all involved at a GDF. If followed it can keep you and your team safe, compliant and protect our environment.
- All reporting and records kept are there to help and remind all involved of any situations which need attention. Everyone handling fuel needs to always be aware of SAFETY.







Benefits of Compliance Management

- Compliance in Arizona vs. Non-Compliance
- <u>NTC</u> vs. NOV
- No penalty vs. Potential Penalty
- Controlled Impact to Business
- <u>Controlled Expense</u>
- <u>Control Environmental Impact</u>











Every Presentation Needs A Happy Ending-Questions?

