

Common Alternatives to Consider for Leak Detection

Tanks

- 1.) If tank is of double walled construction, interstitial monitoring of some form is ideal.
 - Provide copy of annual sensor test if installed or selected to MDEQ.
 - Provide copy of initial monthly interstitial monitoring report to MDEQ.
- 2.) If Automatic Tank Gauge is currently installed it very likely is capable of “static 0.2 gph” leak testing with no additional chip needed. Continuous 0.2 gph leak testing may be available if equipped with proper chip and software.
 - Provide copy of annual ATG inspection to MDEQ.
 - Provide copy of initial 0.2 gph leak test result to MDEQ.
- 3.) Statistical Inventory Reconciliation* – Inventory records must be submitted to 3rd party for determination of a quantitative leak result. Contact vendors below to obtain data sheets and reporting requirements to vendor.
 - Provide copy of initial 3 months reports to MDEQ.
- 4.) Manual Tank Gauging if tank capacity is less than 2,000 gallons.
 - Provide copy of initial month manual tank gauging record to MDEQ.

Piping (does not apply to safe suction piping)

- 1.) Annual Precision Line Tightness testing – consult with UST certified contractor to schedule the test.
 - Provide copy of annual test report from contractor to MDEQ.
- 2.) Statistical Inventory Reconciliation* (same as for tanks)

* A list of known approved Statistical Inventory methods are listed on the following page.

**MDEQ does not recommend any particular method or vendor. It is highly dependent on site characteristics. Please consult with your UST certified contractor to determine the best alternative for your facility.

Statistical Inventory Vendors and Information

Other information maybe found by clicking on the website listed below:
<https://neiwpsc.org/nwglde/by-testing-method/statistical-inventory-reconciliation-test-method-quantitative/>

Vendor	Equipment Name	Leak Rate / Threshold / Max Tank Capacity	Contact Information
ACCENT Environmental Services, Inc.	<u>SIRmadeSimple, version 1.0</u>	0.1 gph/0.05 gph/45000 gallons	David N. Brevard ACCENT Environmental Services, Inc. PO Box 3289 Lufkin, TX 75903 Email: info@accent-us.com Tel: (936)225-5000
AIUT Ltd.	<u>Fuelprime IRC Version 2.4</u>	0.2 gph/0.1gph/30,000 gallons for single tanks and 50,000 gallons for up to manifolded tanks	AIUT Ltd Wyczolkowskiego 113 44-109 Gliwice, Poland Phone: +48 32 775 40 00
ASIS Automation and Fueling Systems, Inc.	<u>FOX SIR V1 and V2</u>	0.2 gph/0.10 gph/20,000 gallons for single tanks and 60,000 gallons for manifolded tanks	ASIS Automation and Fueling Systems, Inc. Tatlisu Mahallesi Akif Inan Sokak No: 14 Istanbul, Turkey 34775 Phone: +90 216 540 6464 E-mail: info@asis.com.tr
		0.1 gph/0.05 gph/20,000 gallons for single tanks and 60,000 gallons for manifolded tanks	
Mostyle Pty. Ltd. (originally listed as Clearstone Engineering, Ltd.)	<u>Greenscan SIR 3.0.1.2</u>	0.2 gph/0.10 gph/30,000 gallons for single tanks and 45,000 gallons for manifolded tanks	Environmental Monitoring Solutions Pty Ltd –Mostyle Pty Ltd Tel: 1300 367 783 Fax: 1300 367 785 E-Mail: rdupuy@ems-australia.com URL: www.ems-australia.com
		0.1 gph/0.05 gph/30,000 gallons for single tanks, and 45,000 gallons for manifolded tanks	
Computerizing, Inc.	<u>Computank, Version 3.0</u>	0.1 gph/0.05 gph/18,000 gallons	Computerizing, Inc. PO Box 99 Scottsboro, AL 35768 Tel: (256) 259-1805

DocCanDo, LP	<u>DocCanDo SIR 1.0</u>	0.2 gph/0.10 gph/32,286 gallons for single tanks and 32,286 gallons for manifolded tanks	DocCanDo, LP 106 E. Main Street Richardson, TX 75081-3327 Tel: (214) 907-1149 E-mail: howardldockery@txecss.com
Dover Fueling Solutions	<u>DFS DX Wetstock SIR V1.0 SIR and V1.2 SIR</u>	0.2 gph/0.1 gph 121,343 gallons for single or manifolded tanks	Dover Fueling Solutions c/o Wayne Fueling Systems LLC 3814 Jarret Way t Austin, TX 78728 Phone: +44 (0) 1695 51775
		0.1 gph/0.05 gph 121,343 gallons for single or manifolded tanks	
EnviroSIR LLC	<u>EnviroSIR Version 1.0</u>	0.2 gph/0.15 gph/45,000 gallons	EnviroSIR LLC 1003 East Saint Mary Blvd., P.O. Box 52565 Lafayette, LA 70505 Tel: (337) 935-0205
		0.1 gph/0.05 gph/45,000 gallons	
Faribanks Environmental, Ltd.	<u>Westock Wizard Version 4.4</u>	0.2 gph/0.10 gph/45,000 gallons	Faribanks Environmental, Ltd. The Technology Management Center Moss View Lane Skelmersdale, Lancashire, UK Phone +44 (0) 1695 51775
Leighton O'Brien Technologies, Ltd.	<u>Monitor / Redone</u>	0.1 gph/0.05 gph/33,675 gallons for single tanks, and 60,000 gallons for manifolded tanks	Leighton O'Brien Technologies, Ltd. Suite 1/96 Camberwell Rd. Hawthorn East, Victoria, Australia 3123 Tel: (03) 9813 5122 E-mail: enquiry@leightonobrien.com URL: http://www.leightonobrien.com
National Environmental, LLC	<u>Tanknetics.SIR, Version 2.1</u>	0.2 gph/0.10 gph/45,000 gallons	National Environmental, LLC 560 CR 275 Water Valley, MS 38965 Tel: (800)-520-4802 E-Mail: james@tanknetics.com Website: www.tanknetics.com
		0.1 gph/0.05 gph/45,000 gallons	

Selecta Global, Inc.	Selecta Leak Monitoring SIR 0.1 gal/hr and 0.2 gal/hr standards	0.2 gph/0.10 gph/25,000 gallons, and 82,096 gallons for manifolded tanks.	Selecta Global, Inc. Atasehir Bulvari Gulibrisim Ca. Evinpark Rezidance B 1 Blok/1-2 Atasehir Istanbul, Turkey 34758 Phone: +90 216 573 0506
		0.1 gph/0.05 gph/25,000 gallons and 82,096 gallons for manifolded tanks.	
Simmons Corp.	SIR 5.7	0.1 gph/0.05 gph/18,000 gallons	
	SIR 5.7 LM	0.2 gph/0.10 gph/60,000 gallons	Simmons Corp. 106 E. Main Street Richardson, TX 75081-3327 Tel: (800) 848-8378 E-mail: howard.dockery@simmons-corp.com URL: www.simmons-corp.com
		0.1 gph/0.05 gph/60,000 gallons	
SIR International, Inc.	Mitchell's SIR Program Versions 2.6, 2.7	0.1 gph/0.05 gph/45,000 gallons	SIR International, Inc. P.O. Box 2406 Georgetown, TX 78627 Tel: (800) 793-1919 Fax: (866) 469-3665 sir@sirtx.com
SIR Monitor (originally listed as Environmental Management Technologies)	SIR Monitor	0.1 gph/0.05 gph/18,000 gallons	SIR Monitor 665 Evergreen Dr. Murfreesboro, TN 37128 Tel: (615) 896-4723
Sir Phoenix, Inc.	SIR Phoenix	0.1 gph/0.05 gph/18,000 gallons	SIR Phoenix, Inc. 15995 Indian Rd. La Conner, WA 98257 Tel: (360) 466-0206
	SIR Phoenix LEOMA V01.50	0.2 gph/0.01 gph/18,000 gallons for single tanks, and 45,000 gallons for manifolded tanks	

TeleData, Inc.	TankMate, Versions 3.12, 3.20, 4.1	0.1 gph/0.05 gph/60,000 gallons	TeleData, Inc. 900 East Ocean Blvd., Suite 250 Stuart , FL 34994 Tel: (772) 219-4661
TotalSIR	TotalSIR Version 1.0	0.2 gph/0.1 and 0.16 gph/45,000 gallons	TotalSIR P.O. Box 299 Reidsville, NC 27323 Tel: (704) 336-0293 E-mail: information@totalsir.com URL: www.totalsir.com
TotalSIR	TotalSIR Version 2.0	0.2 gph/0.10 gph/45,000 gallons 0.1 gph/0.05 gph/45,000 gallons	
TURPAK Electromagnetic Fuel Supply Systems, Inc	TURPAK SIR Version EYE v1.0	0.2 gph/0.1gph/ 30,000 gallons 0.1 gph/ 0.05 gph ns	TURPAK SIR Vision EYE v1.0 Address : Merkez Mahallesi Erseven Sokak No:8/1/4 Kağıthane 34406/ ISTANBUL Phone: +90 212 3154100 E-mail: Suleyman ERDOGAN serdogan@turpak.com.tr
Veeder-Root (originally listed as Entropy Limited)	Precision Tank Inventory Control System, Revision 90	0.1 gph/0.05 gph/22,500 gallons	Gilbarco/Veeder Root Attn: CMS Mailstop F-76 7300 West Friendly Ave. P.O. Box 22087 Greensboro, NC 27420-2087 Tel: (800) 253-8054
Veeder-Root (originally listed as USTMAN Industries, Inc.)	USTMAN SIR 1.91	0.1 gph/0.05 gph/18,000 gallons	Gilbarco/Veeder Root Attn: CMS Mailstop F-76 7300 West Friendly Ave. P.O. Box 22087 Greensboro, NC 27420-2087 Tel: (800) 253-8054
	USTMAN SIR, Version 94.1	0.1 gph/0.05 gph/30,000 gallons	
	USTMAN SIR, Versions 95.2, 95.2A, 95.2B	0.1 gph/0.05 gph/60,000 gallons (Version 95.2)	

		0.2 gph/0.1 gph/60,000 gallons (Version 95.2A)	
		0.2 gph/0.16 gph/60,000gallons (Version 95.2B)	
Veeder-Root (originally listed as Watson Systems, Inc. and EnviroQuest Technologies Limited)	<u>Watson SIRAS Software System Versions 2.0, 2.8.3</u>	0.2 gph/0.1 gph/30,000 gallons	
		0.1 gph/0.05 gph/30,000 gallons	
Warren Rogers Associates, Inc.	<u>WRA Statistical Inventory Analysis, Version 5.1</u>	0.1 gph/0.05 gph/18,000 gallons	Warren Rogers Associates, Inc. 747 Aquidneck Ave. Middletown, RI 02840 Tel: (800) 972-7472 E-mail: info@wraenviro.com URL: www.wraenviro.com
	<u>WRA Statistical Inventory Analysis, Version 5.2</u>	0.1 gph/0.05 gph/36,000 gallons	