



A Subsidiary of Arizona Instrument Corporation

July 3, 1997

Mr. Fred Manoucheri  
Fred Manoucheri / Mir Ghafari  
340 Highland  
Bethel Island, CA 94511

Re: Tank Tightness Tests - Piedmont Service Station  
340 Highland  
Piedmont, CA 94811

Dear Mr. Manoucheri:

**Horizon Engineering and Testing** has performed precision tank tightness tests on the underground tank systems listed on the enclosed report. The testing was performed in accordance with the manufacturer's protocol as required by federal, state, and county regulations for compliance.

The testing results, presented on the attached certification page, will indicate whether the tank and associated piping passed or failed compliance. Included with the certification is a report containing the supporting data.

If you should have any questions regarding the attached results or any of the information enclosed, please do not hesitate to call us at (800) 229-2930 or (602) 470-1414.

Thank you for choosing **Horizon Engineering and Testing**.

Best Regards,

Wade Pettit  
Sales Manager

bb

Enclosures

Susan - today (8/22/97) Fred Manoucheri brought in documents showing his tanks + pipes were integrity tested in May '97 + passed. He also has SIR reports for Jan - May '97 that show his tanks are tight. He still has to forward reports to us showing May, Sept + Dec '96 SIR results. He says he has the info + will send it. Here are copies. Pam

# Horizon Engineering & Testing

4114 East Wood Street • Phoenix, Arizona 85040-1941 • (602) 470-1414

## CERTIFICATION

Contract No: 13693-97

Test Date: May 7, 1997

**Customer:**

Fred Manoucheri / Mir Ghafari

Mr. Fred Manoucheri

340 Highland

Bethel Island CA 94511

**Site:**

Piedmont Service Station

Manager

340 highland

Piedmont

CA 94811

<u>Tank No.</u>	<u>Tank Product</u>	<u>Tank Result</u>	<u>Line Result</u>
1	Unleaded	Pass	Pass
2	Unleaded Plus	Pass	Pass
3	Super	*Pass	*Pass
4	Oil	Pass	N/A

\*Tanknology - NDE Passed & Certified Tank #3 on 6/13/97.

**Technician**

Name: Kenneth Fine

License No.: 99-1386

State: CA

Technician's Signature

*Kenneth Fine*

05/15/97

## CONDENSED DATA

Page 3

Location	Compound	Concentration(mg/L)
001	A	0.0000
001	C	0.0000
001	R	0.0000
001	W	0.0000
001	TVHC	17.4900
002	A	0.0000
002	C	0.0000
002	R	0.0000
002	W	0.0000
002	TVHC	6.0500
003	A	0.0011
003	C	0.0000
003	R	0.0000
003	W	0.0000
003	TVHC	33.3600
004	A	0.0000
004	C	0.0000
004	R	0.0000
004	W	0.0000
004	TVHC	11.2600
005	A	0.0000
005	C	0.0000
005	R	0.0000
005	W	0.0000
005	TVHC	8.2700
006	A	0.0000
006	C	0.0000
006	R	0.0000
006	W	0.0000
006	TVHC	0.0000
007-009	A	0.0000
007-009	C	0.0000
007-009	R	0.0000
007-009	W	0.0000
007-009	TVHC	0.1500

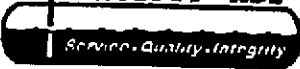
TVHC (Total Volatile Hydrocarbons) values reported in milligrams/liter (mg/L).  
Tracer values reported in milligrams/liter (mg/L).

0.0000 = Not Detected

-999999.9999 = No Sample

**CERTIFICATE OF UNDERGROUND STORAGE TANK SYSTEM TESTING**

**TANKNOLOGY - NDE**



**TANKNOLOGY-NDE**

8900 SHOAL CREEK, BUILDING 200  
AUSTIN, TEXAS 78757  
(512) 451-6334  
FAX (512) 459-1459

**TEST RESULT SITE SUMMARY REPORT**

**TEST TYPE: VacuTect**

**PURPOSE: REQUEST**

**TEST DATE: 06/13/97**

**WORK ORDER NUMBER: 2201683**

**CLIENT: PEADMONT SERVICE STATION  
340 HIGHLAND AVE  
PEADMONT, CA 94611**

**SITE: PIEDMONT SERVICE STATION  
340 HIGHLAND AVE  
PIEDMONT, CA 94611**

**ATTN:**

The following test(s) were conducted at the site above in accordance with all applicable portions of Federal, NFPA and local regulations

**Tank Tests**

TEST NO.	TANK NO.	TANK TYPE	DEPTH (IN)	TEST RESULT	LEAKAGE RATE (GAL/HR)	TEST STATUS	
92	1	SUPREME	9,728	92.00	PASS	0.000	PASS

**Line and Leak Detector Tests**

TEST NO.	TANK NO.	TANK TYPE	LEAKAGE RATE (GAL/HR)	TEST RESULT	TEST STATUS
92	1	SUPREME	0.005 0.007	P P	

TANKNOLOGY-NDE appreciates the opportunity to serve you, and looks forward to working with you in the future. Please call any time, day or night, when you need us.

**TANKNOLOGY-NDE Representative:**

**Test conducted by:**

**MARK SHAW**

**DAVID MATHIE**

**Reviewed:**

**Technician Certification Number: 98-1429**

# INDIVIDUAL TANK/LINE/LEAK DETECTOR TEST REPORT TANKNOLOGY-NDE

TEST DATE: 06/13/97  
CLIENT: PEADMONT SERVICE

WORK ORDER NUMBER: 2201683  
SITE: PIEDMONT SERVICE STATION

Tank ID: 92	1	Material: FIBERGLASS	Bottom to top fill in inches: 144.0
Product: SUPREME		Tank: NO	Bottom to grade fill in inches: 150.0
Capacity in gallons: 9,728		Manifolded Vent: NO	Fill pipe length in inches: 52.0
Diameter in inches: 92.00		V/R: NO	Fill pipe diameter in inches: 4.0
Length in inches: 342			Stage I vapor recovery: DUAL
			Stage II vapor recovery: BALANCE
COMMENTS			Impact Valves Operational: N

	Start (in)	End (in)		New/Passed L.D.	Failed/Replaced L.D.
Dipped Water Level:	0.00	0.00			
Dipped Product Level:	51.00	51.00			
Probe Water Level:	0.000	0.000			
Ingress Detected:	Water N	Bubble N	Ullage Air N		
VacuTect Test Type:	Single tank				
VacuTect Probe Entry Point:	Fill				
Pressure Set Point:	0.36				
Tank water level in inches:	0.00				
Water table depth in inches:	45.00				
Determined by (method):	OBSERVATIO				
Result:	PASS				
COMMENTS	mag probe /high water table low set point h20 psi 3.78				
				Make:	
				Model:	
				S/N:	
				Open time in sec:	
				Holding psi:	
				Resiliancy cc:	
				Test leak rate ml/min:	
				Metering psi:	
				Calib. leak in gph:	
				Results:	
COMMENTS					

	STEEL	STEEL		STEEL	STEEL
Material:	STEEL	STEEL		STEEL	STEEL
Diameter (in):	2.0			2.0	
Length (ft):	25.0			25.0	
Test psi:	15			15	
Bleedback cc:	10			10	
Test time (min):	30			30	
Test 1: Start time:	12:43			13:17	
Finish psi:	15			15	
Vol change cc:	5			6	
Test 2: Start time:	13:53			13:27	
Finish psi:	15			15	
Vol change cc:	2			4	
Test 3: Start time:	13:03			13:37	
Finish psi:	15			15	
Vol change cc:	2			4	
Final gph:	0.005			0.007	
Result:	PASS			PASS	
Pump type:	SUCTION			SUCTION	
Pump make:	TOKHEIM			BENNETT	
COMMENTS					

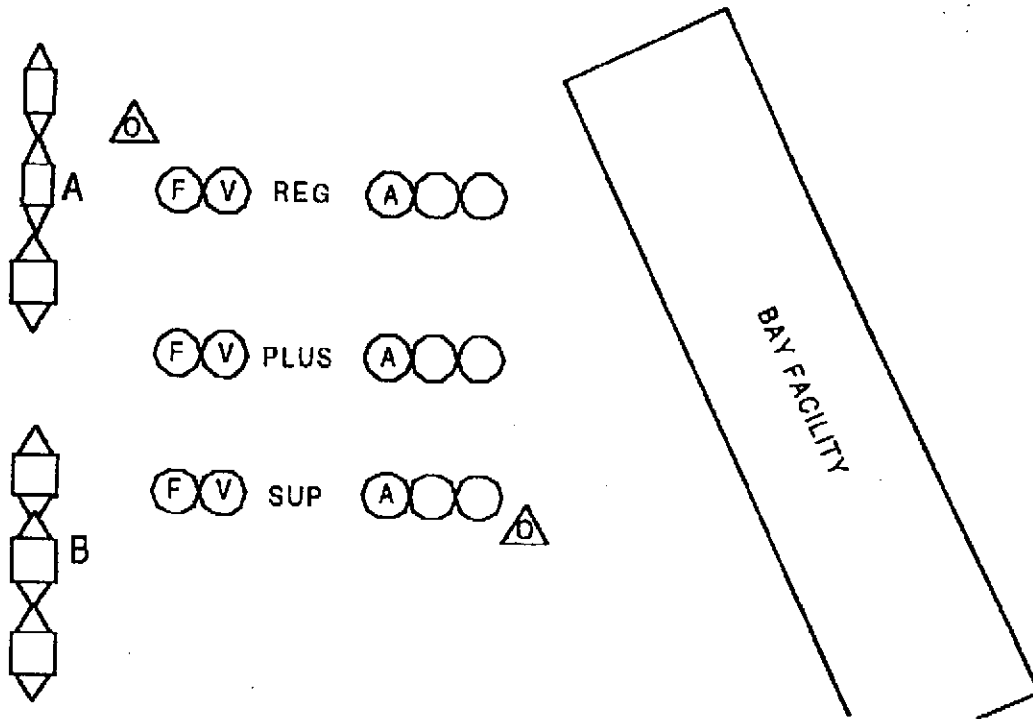


**TANKNOLOGY-NDE**  
8900 SHOAL CREEK, BUILDING 200  
AUSTIN, TEXAS 78757  
(512) 451-6334  
FAX (512) 459-1459

TEST DATE: 06/13/97  
CLIENT: PEADMONT SERVICE STATION

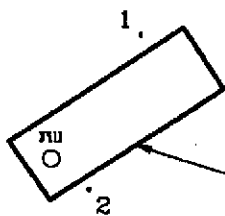
WORK ORDER NUMBER: 2201683  
SITE: PIEDMONT SERVICE STATION

OOO VENTS



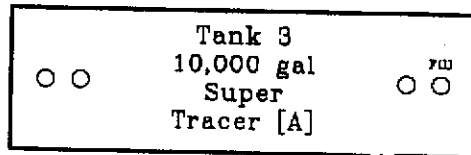


BUILDING



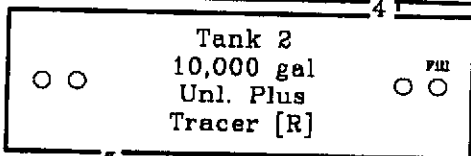
Tank 4  
1,000 gal  
Oil  
Tracer [C]

3.



\*Blank

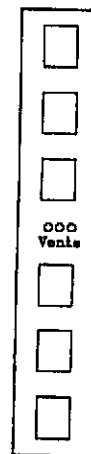
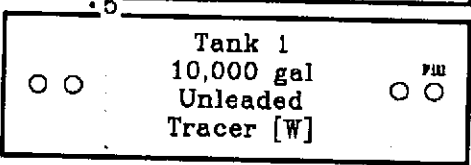
Concrete



7.

8.

9.

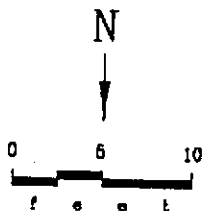


Dispensers

018377

EXPLANATION

-1 Sampling Probe Location



05-16-87

PIEDMONT SERVICE STATION

340 HIGHLAND  
PIEDMONT, CALIFORNIA 94811

SAMPLING LOCATIONS

Figure 1