

UNIT SURVEY RESULTS REPORT

XYZ COMPANY, INC.

Report Dates: 1/1/99 to 6/30/99

UNIT 64

TAG#	SURVEY DATE	GROUP	EQUIP NAME	EQUIP #	LOCATION	ELEV	TYPE	SIZE	PRESS	SURVEY COMMENTS	T/A ITEM
1604	6/25/1999	CK2	FLOWMETER	CRACKED	WEST SIDE OF ID FAN "C" TOP PLATFORM	Top of F-6410	TEST1	3	20	WAITING ON MATERIAL AT THIS TIME	<input type="checkbox"/>
1605	1/25/1999	CK2	TUBING	HOLE	WEST SIDE OF ID FAN "B" TOP PLATFORM	Top of F-6410	TEST2	22	20	REPLACE TUBING AND FITTINGS 1/4"	<input type="checkbox"/>
1606	1/25/1999	CK2	1/2" BR VAL	PACKING	SOUTH SIDE OF F-6410	2ND PLATF	TEST3	3	100	PACKING	<input type="checkbox"/>
1607	1/25/1999	CK2	1/2" BR VAL	PACKING	WEST SIDE OF K-6419	1ST PLATF	TEST4	3	100	PACKING	<input type="checkbox"/>
1608	1/25/1999	CK2	REGULATOR	LEAKING BY	SOUTH OF P-6410	GROU ND	TEST5	3	100	I&E TO CHECK	<input type="checkbox"/>
1609	1/25/1999	CK2	SOLENOID	LEAKING BY	SOUTH SIDE OF P-6410A	GROU ND	AIR	22	100	I&E TO CHECK	<input type="checkbox"/>
1610	1/25/1999	CK2	PETCOCK	LEAKING BY	SOUTH SIDE OF P-6443	GROU ND	AIR	3	100	CLOSE THE PETCOCK	<input type="checkbox"/>
1611	1/25/1999	CK2	TUBING	CRACKED	WEST OF P-6411	GROU ND	AIR	3	100	REPLACE TUBING AND FITTINGS	<input type="checkbox"/>
1612	1/25/1999	CK2	SOLENOID	LEAKING BY	EAST OF TP-6413C	GROU ND	AIR	22	100	NOT LEAKING AT THIS TIME	<input type="checkbox"/>
1613	1/25/1999	CK2	REGULATOR	LEAKING BY	EAST OF P-6417	GROU ND	AIR	3	100	I&E TO CHECK	<input type="checkbox"/>
1614	1/25/1999	CK2	REGULATOR	LEAKING BY	EAST OF P-6429	GROU ND	AIR	3	100	NOT LEAKING AT THIS TIME	<input type="checkbox"/>
1615	1/25/1999	CK2	TUBING	DISCONNECTED	EAST OF P-6417A	GROU ND	AIR	3	100	DISCONNECTED TUBING	<input type="checkbox"/>
1617	1/25/1999	CK2	FLOWMETER	CRACKED	WEST OF P-6412A	GROU ND	AIR	22	100	BUSTED SIGHT GLASS	<input type="checkbox"/>

UNIT

64

TAG#	SURVEY DATE	GROUP	EQUIP NAME	EQUIP #	LOCATION	ELEV	TYPE	SIZE	PRESS	SURVEY COMMENTS	T/A ITEM
1618	1/25/1999	CK2	GAUGE	BROKEN	WEST OF P-6412A	GROU ND	AIR	22	100	REPLACE GAUGE	<input type="checkbox"/>
1619	1/25/1999	CK2	FLOWMETER	CRACKED	SOUTH WEST OF P-6438 AUX. LUBE OIL PUMP	GROU ND	AIR	3	20	REPLACE THE FLOW METER	<input type="checkbox"/>
1620	1/25/1999	CK2	SPEC BLIND	LEAKING BY	WEST OF D-6437	GROU ND	NITRO GEN	22	150	2" ORJ SPEC BLIND LEAKING	<input type="checkbox"/>
1621	1/25/1999	CK2	3/8"BR VAL	PACKING	WEST OF K-6415	GROU ND	AIR	3	100	PACKING	<input type="checkbox"/>
1622	1/25/1999	CK2	LOADER	LEAKING BY	SOUTH END OF K-6416	COMP DECK	AIR	3	100	MACHINIST TO WORK	<input type="checkbox"/>
1623	1/25/1999	CK2	1/4" BR VAL	PACKING	SOUTH OF K-6415	COMP DECK	AIR	3	100	PACKING LEAK	<input type="checkbox"/>
1624	1/25/1999	CK2	TUBING	LOOSE	NORTH OF K-6415	COMP DECK	AIR	3	100	LOOSE FITTING NUT	<input type="checkbox"/>
1625	1/25/1999	CK2	2"CS GATE	PACKING	NORTH SIDE	PLOT LIMIT	AIR	3	100	PACKING LEAK	<input type="checkbox"/>
1630	1/25/1999	CK2	CONTROL VAL	GASKET LK	NORTH WEST OF C-6424	GROU ND	AIR	22	100	LEAKING AROUND THE GASKET ON THE VALVE	<input type="checkbox"/>
1631	1/25/1999	CK2	FLOWMETER	BROKEN	NORTH OF 64-AR-238	GROU ND	NITRO GEN	3	150	REPLACE THE BROKEN FLOWMETER	<input type="checkbox"/>

XYZ COMPANY, INC.

SURVEY ACTIVITY REPORT

UNIT - 64

Report Dates: 1/1/99 to 6/30/99

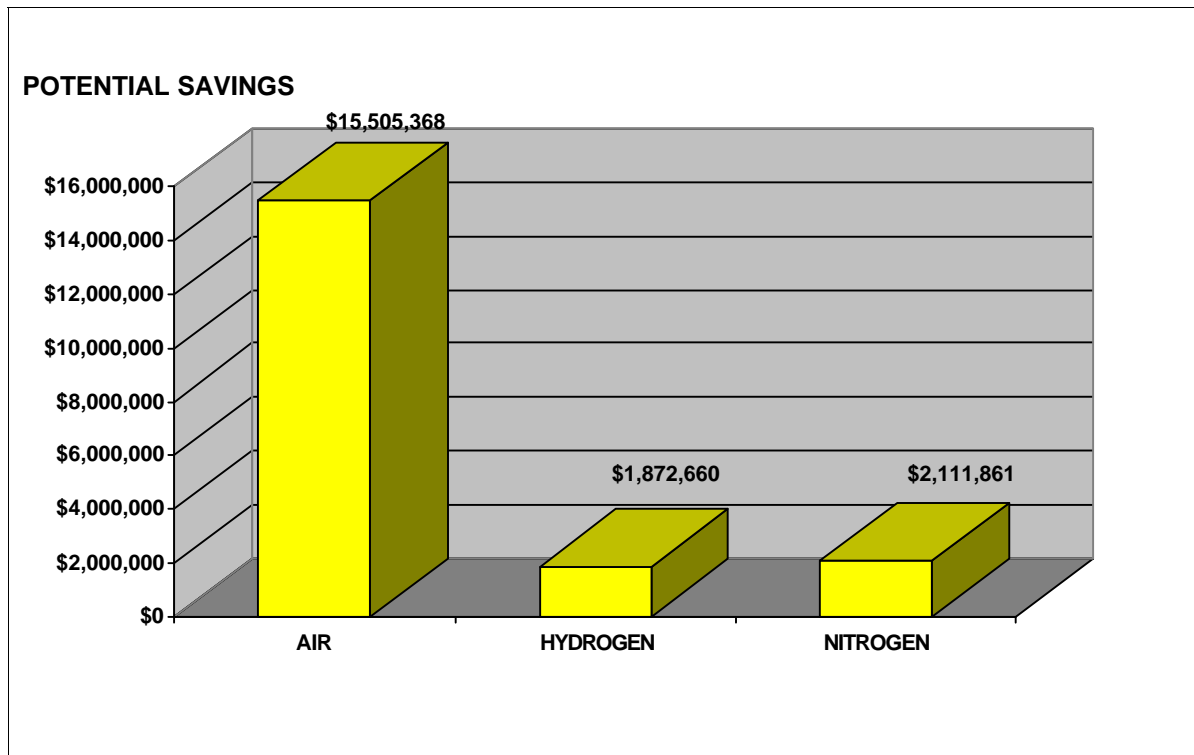
LEAK TYPE	Cost Per 1K CFM	Total Leaks	Total CFM	Cost Per Year
AIR	\$0.10	16	143	\$7,215.44
NITROGEN	\$0.49	2	25	\$6,438.60
TOTAL LEAKS SURVEYED		18	168	\$13,654.04

XYZ COMPANY, INC.

LEAK SURVEY SUMMARY

ALL UNITS

Report Dates: 1/1/99 TO 6/30/99



MAINTENANCE WORK ORDER

XYZ COMPANY, INC.

UNIT	TAG#	GROUP	EQUIP NAME	EQUIP NUMBER	ELEVATION	LEAK TYPE	LEAK SIZE	PRESSURE
64	1604	CK2	FLOWMETER	CRACKED	Top of F-6410	TEST1	3	20

SURVEY DATE	SURVEY_COMMENTS	LOCATION	SHUTDOWN (Y/N)
6/25/1999	WAITING ON MATERIAL AT THIS TIME	WEST SIDE OF ID FAN "C" TOP PLATFORM	<input type="checkbox"/>

MATERIALS NEEDED

flowmeter 0-2.5cfm	\$0.00	1	not in stock
1/4"od x 1/4" npt ss straight	\$0.00	2	
1/4" od ss tubing	\$0.00	3	

MAINTENANCE INCOMPLETE

XYZ COMPANY, INC.

Report Dates: 01/01/99 to 06/30/99

UNIT

TAG#	SURVEY DATE	GROUP	EQUIP NAME	EQUIP #	LOCATION	ELEV	TYPE	SIZE	PRESS	SURVEY COMMENTS	T/A ITEM
1604	6/25/1999	CK2	FLOWMETER	CRACKED	WEST SIDE OF ID FAN "C" TOP PLATFORM	Top of F-6410	TEST1	3	20	WAITING ON MATERIAL AT THIS TIME	<input type="checkbox"/>
1605	1/25/1999	CK2	TUBING	HOLE	WEST SIDE OF ID FAN "B" TOP PLATFORM	Top of F-6410	TEST2	22	20	REPLACE TUBING AND FITTINGS 1/4"	<input type="checkbox"/>
1606	1/25/1999	CK2	1/2" BR VAL	PACKING	SOUTH SIDE OF F-6410	2ND PLATF	TEST3	3	100	PACKING	<input type="checkbox"/>
1607	1/25/1999	CK2	1/2" BR VAL	PACKING	WEST SIDE OF K-6419	1ST PLATF	TEST4	3	100	PACKING	<input type="checkbox"/>
1608	1/25/1999	CK2	REGULATOR	LEAKING BY	SOUTH OF P-6410	GROU ND	TEST5	3	100	I&E TO CHECK	<input type="checkbox"/>
1609	1/25/1999	CK2	SOLENOID	LEAKING BY	SOUTH SIDE OF P-6410A	GROU ND	AIR	22	100	I&E TO CHECK	<input type="checkbox"/>
1613	1/25/1999	CK2	REGULATOR	LEAKING BY	EAST OF P-6417	GROU ND	AIR	3	100	I&E TO CHECK	<input type="checkbox"/>
1619	1/25/1999	CK2	FLOWMETER	CRACKED	SOUTH WEST OF P-6438 AUX. LUBE OIL PUMP	GROU ND	AIR	3	20	REPLACE THE FLOW METER	<input type="checkbox"/>
1622	1/25/1999	CK2	LOADER	LEAKING BY	SOUTH END OF K-6416	COMP DECK	AIR	3	100	MACHINIST TO WORK	<input type="checkbox"/>

MAINTENANCE DETAIL LIST

XYZ COMPANY, INC.

Report Dates: 01/01/99 to 06/30/99

Maint Date	Group	Tag#	Location	Type	Leak Size	Maint Performed	Savings/Year
UNIT:	<input type="text" value="64"/>						
5/11/1999	CK2	1620	WEST OF D-6437	NITROGEN	22	TIGHTENED	\$5,665.97
5/11/1999	CK2	1625	NORTH SIDE	AIR	3	TIGHTENED	\$151.37
5/11/1999	CK2	1624	NORTH OF K-6415	AIR	3	TIGHTENED	\$151.37
5/11/1999	CK2	1623	SOUTH OF K-6415	AIR	3	TIGHTENED	\$151.37
5/11/1999	CK2	1621	WEST OF K-6415	AIR	3	TIGHTENED	\$151.37
5/11/1999	CK2	1618	WEST OF P-6412A	AIR	22	REPLACED	\$1,110.07
5/11/1999	CK2	1617	WEST OF P-6412A	AIR	22	REPLACED	\$1,110.07
5/11/1999	CK2	1631	NORTH OF 64-AR-238	NITROGEN	3	REPLACED	\$772.63
5/11/1999	CK2	1611	WEST OF P-6411	AIR	3	REPLACED	\$151.37
5/11/1999	CK2	1615	EAST OF P-6417A	AIR	3	PLUGGED	\$151.37
5/11/1999	CK2	1630	NORTH WEST OF C-6424	AIR	22	NONE	\$1,110.07
5/11/1999	CK2	1612	EAST OF TP-6413C	AIR	22	NONE	\$1,110.07
5/11/1999	CK2	1619	SOUTH WEST OF P-6438 AUX. LUBE OIL P	AIR	3	NONE	\$151.37
5/11/1999	CK2	1614	EAST OF P-6429	AIR	3	NONE	\$151.37
5/11/1999	CK2	1610	SOUTH SIDE OF P-6443	AIR	3	CLOSED	\$151.37
TOTAL UNIT 64 SAVINGS							\$12,241.22

XYZ COMPANY, INC.

LEAK SURVEY/MAINTENANCE SUMMARY - UNIT 64

1/1/99 to 6/30/99

Survey Activity

LEAK TYPE	Cost Per 1K CFM	Total Leaks	Total CFM	Cost Per Year
AIR	\$0.10	16	143	\$7,215.44
NITROGEN	\$0.49	2	25	\$6,438.60
TOTAL LEAKS SURVEYED		18	168	\$13,654.04

Maintenance Activity

MAINTENANCE PERFORMED	# OF LEAKS REPAIRED	TOTAL SAVINGS
CLOSED	1	\$151.37
NONE	4	\$1,261.44
PLUGGED	1	\$151.37
REPLACED	4	\$2,034.07
TIGHTENED	5	\$5,817.34
TOTAL LEAKS REPAIRED	15	\$9,415.60

Labor Cost \$0.00

Total Material Cost \$0.00

GROSS SAVINGS	-	(LABOR COST	+	MATERIAL COST)	=	NET SAVINGS
\$9,415.60		\$0.00		\$0.00		\$9,415.60

ESTIMATED MATERIALS LIST - FACILITY

XYZ COMPANY, INC.

Report Dates: 1/1/99 to 6/30/99

DESCRIPTION	QTY	COST EACH	COMMENTS
1" BALL VALVE	1	\$10.00	
1" X 3" NIPPLE CS	1	\$0.00	STOCK
1/4" od ss tubing	3	\$0.00	
1/4"od x 1/4" npt ss straight	2	\$0.00	
1/4" OD SS TUBING	6	\$0.00	
1/4" OD X 1/4" NPT SS STRAIGHT	2	\$0.00	STORE HOUSE ITEM
1/4" OD X 1/4" SS STRAIGHT	2	\$0.00	
1/4" OD X 1/4"NPT SS 90EL	1	\$0.00	
1/4" OD X 1/4"NPT SS STRAIGHT	1	\$0.00	
FLOW METER	1	\$0.00	STORE HOUSE ITEM
flowmeter 0-2.5cfm	1	\$0.00	not in stock
GAUGE 0-30 PSI 1/4" BACK MOU	1	\$0.00	STORE HOUSE ITEM

TOTAL: \$0.00

LEAK MAINTENANCE ACTIVITY

ALL UNITS

REPORT DATES: 1/1/99 TO 6/30/99

SAVINGS PER YEAR BY LEAK REPAIR TYPE

