Ultrasonic Air Leak Survey

08/09~8/10/2011

$31,600 Discovered Losses

Consultant;

Scott Milne BPI, RESNET, LEED

National Energy Technologies LLC

800-984-0332

www.NationalEnergyTech.com

Data collected by: Christopher Turcich

Thank you for selecting National Energy Techn

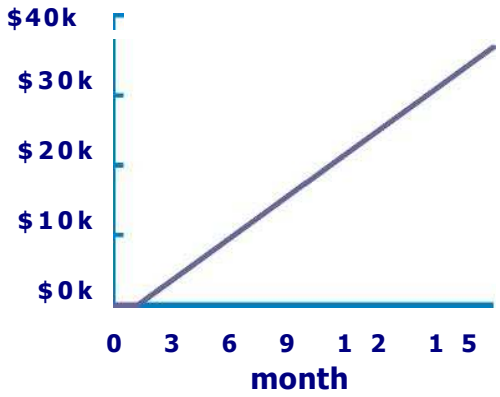
Compressed Air Remediation

We discovered 95 measurable air leaks and 16 overhead leaks.

Available Savings

$30,400
energy savings

Chart of accrued savings based on one month repair time and 95% repair rate.



519,000 kwh
339 cfm / 40 hp
348 tons

Annual power consumed to generate compressed air lost through leaks.

Total air loss and horsepower equivalency.

Carbon emission from utility to generate above power

Top Ten Air Leak

ref	**description**	**annual** cost
46	Yokes Line 2 Chucker area	$ 729
12	OP 260 RIO Panel #5	$ 464
41	TR1K/2K Assembly Cell Flow Test/Pack	$ 464
47	Yokes Line 2 Turn + Grind	$ 445
50	Yokes Line 2	$ 417
20	OP Pre Assembly Cell Two	$ 407
22	HSG Deburr Washer 1	$ 379
8	HSG Deburr Washer #2	$ 379
48	Yokes Line 2 Drill/Deflector Assembly	$ 369
31	Alfing #3	$ 369

See Inspection and Calculation Methodology on following pages

Job 110800-1

Report Index

Ultrasonic Compressed Air Survey

report: 110800-1
staff: C. TURCICH
cert: UET2007245
equip: 9000MPH
serial: 928155

M [redacted]

[redacted]

$17,300 / 184 cfm / 290,000 kwh loss identified

Measurements taken in accordance with ASTM E1002-05. See Summary Report for calculation method.

6	**Long Shaft Cell Lathe #3**
$ 322	**air feed to filter**
8/9/2011	**nipple upstream of valve**
56 db	
100 psi	
3.4 cfm	

○ *repaired* *date:* _____

repaired by: _____

○ *verified* *date:* _____

verified by: _____

repair time/materials

repair notes