

Results

BUILDING LEAKAGE TEST COMPARISON

LgO Services
 330 Breesport
 San Antonio, TX 78216
 210.541.0802

Test #1		Test #2	
Test File:	4119 Warpath St 5 26 2010	Test File:	4119 Warpath St 8 12 2010
Date of Test:	5-26-2010	Date of Test:	5-26-2010
Customer:	Cecilia Consuegra 4119 Warpath St San Antonio , TX 78238	Customer:	Cecilia Consuegra 4119 Warpath St San Antonio , TX 78238
Phone:	210-289-3276	Phone:	210-289-3276

Test Results

	Test #1	Test #2	Change	Percent
1. Airflow at 50 Pascals:	2537 CFM 14.92 ACH	1658 CFM 9.75 ACH	-879 CFM -5.17 ACH	-34.7 % -34.7 %
2. CFM50 per ft2 Floor Area	1.99 CFM/ft2	1.30 CFM/ft2	-0.69 CFM/ft2	-34.7 %
3. Leakage Areas:				
Canadian EqLA @ 10 Pa:	261.9 in2	171.1 in2	-90.8 in2	-34.7 %
LBL ELA @ 4 Pa:	139.3 in2	91.0 in2	-48.3 in2	-34.7 %
4. Minneapolis Leakage Ratio: (CFM50 per ft2 Surface Area)	0.25	0.16	-0.09	-34.7 %

Infiltration Estimates

1. Estimated Annual Average Infiltration Rate:	107.0 CFM 0.63 ACH	69.9 CFM 0.41 ACH	-37.1 CFM -0.22 ACH	-34.7 % -34.7 %
2. Estimated Design Infiltration Rate:				
Winter:	149.4 CFM 0.88 ACH	97.6 CFM 0.57 ACH	-51.8 CFM -0.30 ACH	-34.7 % -34.7 %
Summer:	113.3 CFM 0.67 ACH	74.0 CFM 0.44 ACH	-39.3 CFM -0.23 ACH	-34.7 % -34.7 %

Cost Estimates

1. Estimated Costs of Air Leakage for Heating:	\$25	\$0	-\$25	-100.0 %
2. Estimated Costs of Air Leakage for Cooling:	\$65	\$20	-\$45	-68.9 %