



DELTA-T LTD.

CERTIFIED TESTING AND BALANCING OF AIR & HYDRONIC SYSTEMS

September 15, 2016

Jeff Keene
 Delta-T Ltd
 538 Forest Center Plaza
 Garland, TX 75042

RE: Durant High School

Delta-T has completed the baseline IAQ survey in the library and lecture hall at the above project and the results are as follows. Each sample was taken using the prescribed ISO method, during normal operating hours. All mechanical systems were under normal operation. All interior finishes were installed and complete. Space was in operational condition for intended use. The spaces have HVAC systems comprised of single zone DX Rooftop units, one sample for each HVAC zone were taken.

The overview of the test is as follows:

Area	Time Date	PM 2.5/10 μ/m^3	Temp $^{\circ}F$	CO ppm	CO2 ppm	RH %	Ferm ppb	VOC μ/m^3	Pressure
Indoor Acceptable levels		15/50	68-74	9	950	50-60	.081	470	NA
Outside	9-15-16 1715	8/85	85.2	0	443	62.1	0	0	29.49
Library Center	9-15-16 1334	6/43	69.2	0	530	58	0	15	29.32
Lecture Hall	9-15-16 1415	7/38	69.8	0	608	66.4	0	34	29.32

No traces of combustible gasses, carbon monoxide or Ozone were detected. Temperatures are within normal ranges. Humidity in the lecture hall was higher than anticipated. It was discovered the Lecture hall roof top unit was not staging the compressors correctly. Once this is resolved the humidity should fall within acceptable levels.

Moister levels were taken at various locations and none of the readings indicated excessive moisture content in any of the materials.



DELTA-T LTD.

CERTIFIED TESTING AND BALANCING OF AIR & HYDRONIC SYSTEMS





DELTA-T LTD.

CERTIFIED TESTING AND BALANCING OF AIR & HYDRONIC SYSTEMS

Based on table B-2 in ASHRAE Standard 62.1-2007 the above results would indicate that the indoor air quality of the locations sampled are well within acceptable levels. No corrective measures were needed.

If you have any questions please do not hesitate to contact me.

Delta-T

Jeff Keene
Operations Manager