

SCOPE OF SERVICES

City of Dallas, Green Building Program, IGCC 2012, IAQ Testing

Conduct post-construction and pre-occupancy sampling and testing as indicated per IGCC 2012, Chapter 8: Indoor Environmental Quality and Comfort, Section 804: Specific Indoor Air Quality and Pollutant Measures, Paragraph 804.2: Post-construction and Pre-occupancy baseline IAQ Testing.

- **Scope requirements**

To determine the base level air quality in the buildings the time of initial occupancy, a series of tests shall be conducted on the specified chemical and other listed airborne contaminants.

- **Testing**

Based on testing for the "Maximum Indoor Air Concentration Standards" listed in the ordinance documents, the following will be tested:

- **Test Sets**

<u>Ambient Condition/Contaminant</u>	<u>Method</u>	<u>Allowable Levels</u>
Total Volatile Organic Compounds	PID Electronic Sensor	< 500 µg/m3

- **Test Locations**

The number of sampling locations depends on the size of the building and the number of ventilation systems. For each portion of the building served by a separate ventilation system, the number of sampling points (or test sets) must not be less than 1 per 25,000 square feet or for each air handler floor area, or a minimum of two, whichever is larger. One base level test outside is included.

- **Procedure**

The samples will be collected by qualified technicians according to NIOSH standard procedures for analysis and report. Air samples must be collected between 3 and 6 feet from the floor to represent the breathing zone of occupants, and over a 4 hour period. Sample locations are required to be chosen by the testing technician at random. All interior finishes must be installed, including but not limited to millwork, doors, paint, carpet, and acoustic tiles.