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Indoor Air Professionals (IAP) Peter Gordon

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Indoor Air Professionals is a full service indoor air quality company serving residential, commercial and naval/marine clients. Our systematic and comprehensive approach to indoor air quality issues includes: consulting, assessment, remediation (e.g. duct cleaning, mold abatement), preventative maintenance and indoor environmental control products.

Three reasons for choosing IAP:

1. Experience and qualifications,
2. Comprehensive indoor air quality capabilities, and
3. Commitment to the most advanced technologies available.

The results: more practical and affordable solutions.

IAQ Services for Commercial Facilities

Indoor Air Professionals is a leading provider of IAQ assessment and remediation services. We offer the most advanced technologies and professional disciplines to help you most effectively prevent or resolve indoor air quality issues.

1. Building Performance/IAQ Monitoring
2. Fire Damper Inspection/Cleaning (per NFPA-90A)
3. Kitchen Exhaust System Cleaning
4. Remediation Specifications a.) HVAC system cleaning specifications
5. Mold remediation guidelines

The following are recommended points of evaluation:

1. Review Background/System Overview

We consult with management on the nature of any current or past IAQ problems.

2. Building Air Systems Data

We monitor the levels of carbon dioxide, carbon monoxide, temperature, relative humidity, particles, total volatile organic compounds (tVOC), ozone, and radon in selected spaces. Where appropriate, outside levels are reported. Using sensors and data loggers we take readings continuously over the course of one business day (including occupied and non-occupied hours). This profiles the effectiveness of your ventilation system, and provides usable data to determine action in the areas of comfort, air cleanliness, and source pollutants.

3. Mechanical Hygiene Assessment

Using fiber optic video inspection equipment we record actual conditions in representative areas of the ventilation system, including the air handling unit and associated air ducts. Other inspection points include the filters, outside air dampers, coils, and humidifiers.



4. Microbial Testing

When microbial contamination is an issue, we take surface and /or air samples in key areas within the building that are suspected to contain biological or other contamination. An independent laboratory is employed to report concerns of excess levels of bacteria or fungi.

5. Air Flow Survey

We take various air flow measurements and compare data to design parameters to help determine the efficiency and effectiveness of the system.

6. Initial Pollutant and Source Inventory

We inspect the building for possible sources of pollutants both inside and outside. This investigation employs an extensive checklist of potential causes of IAQ problems. **Practical Answers** While paying attention to the above areas cannot guarantee success, monitoring and documenting findings and results in these areas are consistent with recommendations from the EPA, ASHRAE, OSHA, and NIOSH for maintaining good IAQ. The easy-to-understand format of our reports uses graphs and simple English to explain the findings. More importantly, we do not just generate data, we provide specific and practical solutions to solving IAQ problems and/or establishing a baseline for maintaining good IAQ. Building Performance / IAQ Monitoring service is a surprisingly affordable and cost-effective strategy to prevent or end indoor air quality problems.

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