



**Building  
Health Check™**



**Indoor Environmental  
Testing & Analysis for  
Prescriptive Solutions**

**Building  
Sciences**

**PUREAIR™**  
CONTROL SERVICES, INC.  
*Healthy Buildings, Healthy People*

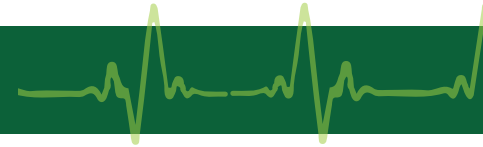
Did you know that we spend 90% of our time indoors and breathe 3,000 gallons of air a day? Yet, very little thought is given to the baseline conditions inside of a building until it's too late. Whether during a global pandemic or just common everyday complaints from occupants, you cannot afford to wait for issues to arise. It has been proven that ignoring or deferring maintenance needs ends up costing more in the long run. As much as 30 times the initial "savings" of deferring. That's why Pure Air Control's

Building Health Check program should be an integral part of any facility's preventative maintenance budget and planning.

***Not only that, but a Building Health Check directly helps to comply with ASHRAE's guidance for re-opening buildings during the COVID-19 Pandemic!***

Of course, a Building Health Check can always be used as an emergency response to immediate environmental

## Our Building Health Check Includes:



Building Health Check is a comprehensive suite of testing, analysis and reporting services for the evaluation of the indoor environment based upon HVAC zones. It combines field and laboratory assays of the biological conditions and performance of a building to provide actionable data for corrective measures.

Our Building Sciences and Environmental Diagnostics Laboratory (EDLab) divisions conduct specific tests and analysis during their investigation that are tailored to each building or situation.

### Bio Surveillance



Indoor environmental quality testing in the occupied space looks for the presence of bacteria, fungi, viruses and other indoor contaminants. This includes air and surface sample testing for the presence of SARS-CoV-2 and *Legionella* using the RT-qPCR method.

### Performance Evaluation



A Building Health Check also provides performance metrics on temperature, relative humidity, pressurization, air flow, ventilation, CO<sub>2</sub>, O<sub>3</sub>, TVOC and other critical parameters. Evaluating the conditions in the occupied space makes a targeted treatment plan possible.

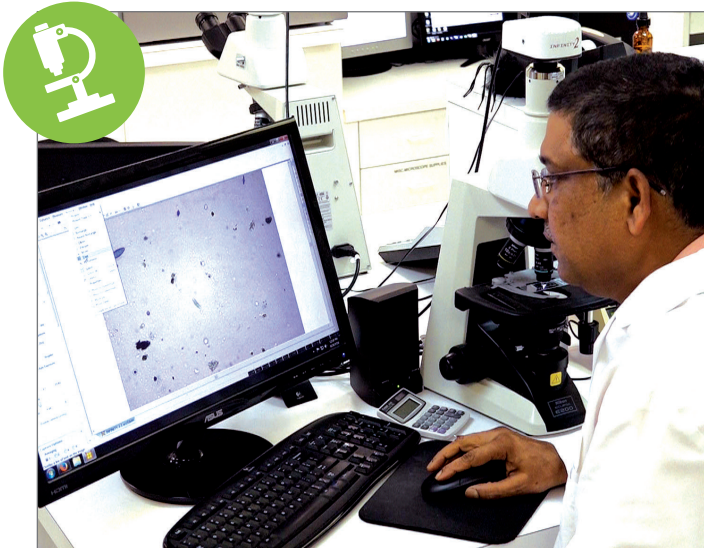


Building  
Health Check™



Think of us as building practitioners giving your system a check up, diagnosis and prescription for building health.

### Laboratory Analysis



EDLab provides expert analysis from our accredited microbiologists. Samples are matched to our in-house library of over 200,000 specimens (one of the largest microbial databases in the U.S.). We will qualify and quantify any contaminants found to determine their potential impact.

### Detailed Reporting



A detailed, yet easy to understand report is provided. The report includes the scope of work, executive summary, photo log and even a glossary of terms. Finally, it summarizes the study's findings and prescribes corrective actions to take for the detected problems.

## The Building Health Check Program Can Include:

- Allergen & Dust Screening
- Contaminant Source & Risk Assessments
- Mold Assessments
- Infrared Thermography
- SARS - CoV-2 Testing
- *Legionella* Testing
- Test & Balance Reporting
- Wall & Floor Moisture Testing

### HVAC Hygiene Assessment



The HVAC system is like the lungs for the occupied space. It is responsible for changing and conditioning the air. So, its cleanliness and performance directly impact the baseline conditions within a building. An HVAC Hygiene Assessment starts with a close visual inspection of the system. This includes but is not limited to the evaporator coils, drain pan, blower and the corresponding ductwork. Samples are collected and tested from within the system to identify any biological contaminants. Performance testing is also conducted to determine the operational conditions, including filter bypass, static pressure and airflow, among other parameters.

Finally, a detailed report is issued with prioritization guidance for cleaning, restoration and/or replacement.

### IAQ GUARD

REAL-TIME MONITORING PROGRAM



IAQ Guard monitors environmental conditions around the clock. The platform uses nodes with sensors placed throughout a building that take readings on key environmental parameters and sends them to a browser-based dashboard. The most common set of sensors includes temperature, relative humidity, PM 10, PM2.5, CO2 and TVOC. The nodes can also be fitted with other sensors depending on the need. Thresholds are then established for good, fair and poor conditions. Finally, alerts are set that trigger and send to our Building Sciences team and facility stakeholders when a parameter exceeds its threshold.

Not only can IAQ Guard be used in a Building Health Check, it's also a great tool for that helps meet ASHRAE, LEED, and OSHA standards, reduces liability, and keeps occupants safe.



This IAQ testing program looks at the state of the entire building envelope, including the HVAC equipment and ductwork.

Manage Risks & Ensure Occupant Wellbeing. Get started with your customized Building Health Check Program Today!

# 1-800-422-7873

or visit: [www.PureAirControls.com](http://www.PureAirControls.com)



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