

# CLEAN INDOOR AIR MATTERS

Launched March 2022, the EPA's "Clean Air In Buildings Challenge" is a call to action to building owners and operators to meet recommended guidelines to improve indoor air quality & protect public health

## Provide Peace of Mind to Occupants with an Indoor Air Quality Assessment & Certification

### Survey

Information is gathered about your space to uncover latent and apparent risk factors that can identify where a more in-depth focus is needed to help tailor corrective actions

### Mold, Moisture & Humidity

Robust testing and analysis can identify the root cause of moisture and mold to ensure proper remediation and resolution

### TVOCS, CO, NO2, Ozone

Cleaning chemicals, building materials, and combustion appliances create unhealthy IAQ. This has a variety of adverse outcomes from impaired cognitive function to headaches and irritation

### Particulate Matter

PM 2.5 are microscopic particles (virus, bacteria, dust). Elevated levels can indicate an unhealthy building which needs filtration improvements or revised cleaning products

### Ventilation (CO2)

Improper air exchange results in increased viral load (if lacking) and high operating costs (if excessive). We help buildings determine their air changes per hour (ACH) by conducting ventilation studies

### Scorecard & Testing Plaque

Our scorecard/report provides a corrective action roadmap for how to prioritize indoor environmental quality investments. The plaque demonstrates your commitment to improving conditions



- ✓ Plaque in as Little as 2 Weeks from Project Initiation
- ✓ Performed by Credentialed Experts
- ✓ Industry Best Practices & Regulatory Guidelines
- ✓ Cost Effective & Transparent Pricing
- ✓ Scientific Grade Instruments & Lab Testing
- ✓ Full Building or Occupant Spaces

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## Instruments, Test Methods & Criteria for Achieving Certification

Category	Instrument	Method	Passing Criteria
<b>Mold, Moisture, Humidity</b>	Infrared Camera Dial-mode Moisture Meter Thermo-Hygrometer Spore Traps & Air Pump Tape-lift kits	IR, & moisture analysis of full space RH Measurements Air/surface samples in areas of suspect microbial growth	No visible mold growth RH between 40%-60% If air samples are collected, indoors similar to outdoors (or less)
<b>TVOCs, CO, NO2, Ozone</b>	Photoionization detector Electrochemical Sensors Continuous IAQ Monitor	1 reading every 1,000 SF using a 1-minute average  or  1 month of temporary IAQ monitoring with minimum of 1 sensor every 10,000 SF	TVOC < 3,000 µg/m <sup>3</sup> CO < 2ppm above outdoors NO <sub>2</sub> < 53 ppb Ozone < 70 ppb
<b>Particulate Matter (PM2.5)</b>	6-Channel Optical Particle Counter or Nephelometer Continuous IAQ Monitor		PM <sub>2.5</sub> < 12 µg/m <sup>3</sup>
<b>Ventilation (CO<sub>2</sub>)</b>	NDIR Calibrated Sensor Continuous IAQ Monitor		CO <sub>2</sub> < 1,000 ppm

1

Complete Intake Form

2

Schedule Site Visit for Field Work

3

Receive Corrective Action Report

4

Receive Certificate of Testing Plaque

5

Make Verified Corrective Actions

6

Receive Certificate of Passing Plaque

