

veriDART™

Verify Safe Airflow,
Breathe Easier



Safe Indoor Airflow Verification

Assess and Mitigate Airborne Pathogen
Risk in the Time of COVID-19

The American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) states, “Transmission of SARS-CoV-2 through the air is sufficiently likely that airborne exposure to the virus should be controlled. Changes in building operations, including the operation of heating, ventilating, and air-conditioning systems, can reduce airborne exposures.”

However, practical application of ASHRAE’s guidance is easier said than done given the complexity of the risk presented by COVID-19 aerosols. Moreover, there is a notable gap in diagnostic solutions available to facility managers for safely assessing the risk of airborne transmission of COVID-19 indoors. Consequently, this risk is often insufficiently accounted for in building reopening plans.

Introducing, the veriDART™ Solution

Airborne Pathogen Mobility Indicator

veriDART leverages patented airborne tracers that safely mimic the mobility of pathogens like COVID-19 in order to assess and mitigate viral transmission risk in the built environment. veriDART uses food-grade materials that comply with OSHA, NIOSH, and ECHA exposure limits in order to:

- Establish baseline risk assessment: identify high-risk transmission vectors
- Assess efficacy of ventilation and filtration: measure the impact of existing defenses and inform potential improvements
- Assess efficacy of remediation actions: measure the impact of improvements taken after initial testing



How the veriDART™ Works



Plan

A comprehensive test plan is designed for your floor plan, HVAC system, and risk factors.



Spray

Qualified professionals release patented airborne tracers throughout the building.



Circulate

Airborne tracers disperse through building spaces and air ducting.



Sample

Air or surface samples are collected and tested for selected points throughout the building.



Results

A diagnostic report provides heat maps and analysis, enabling customers to plan air safety improvements.

Start Using the veriDART™

Contact us at info@safetraces.com today to learn more about how your business could benefit from the veriDART™.

Pricing includes on-site testing, materials, and final diagnostic report | © 2020 SafeTraces, Inc.