

veriDART™ is the Leading Solution for Verifying Safe Indoor Airflow

FOR AIRBORNE PATHOGENS LIKE SARS-COV-2, INDUSTRY LEADERS AND REGULATORY AGENCIES CONTINUE TO EMPHASIZE THE INCREASING SIGNIFICANCE OF VENTILATION, FILTRATION, AND ENGINEERING CONTROLS TO REDUCE THE RISK OF INFECTIOUS AIRBORNE EXPOSURE AT WORK, IN SCHOOL, AND WHILE OCCUPYING PUBLIC INDOOR SPACES.



SafeTraces' aerosol tracer technology, veriDART™, mimics an infectious person's cough/sneeze, allowing us to:

- Identify how aerosols travel through your building(s) and measure their concentrations
- Verify the efficiency/efficacy of your HVAC systems (ventilation, filters, etc.) to reduce infectious aerosol spread
- Produce cost savings by identifying your buildings' targeted areas of concern prior to large capital investments

Healthcare: The veriDART™ technology can assist with compliance of the new OSHA Emergency Temporary Standard for Healthcare (29 CFR 1910 Subpart U) which requires hospitals, nursing homes, and assisted living facilities; emergency responders; home health care workers; and employees in ambulatory care settings where suspected or confirmed coronavirus patients are treated to comply with improvements to their COVID protections, including plan preparation, ventilation assessments, and training.

Construction: The veriDART™ technology will assist clients in HVAC ventilation and filter assessment prior to occupancy or re-occupancy, including identifying hot spots and



Why veriDART™?

- veriDART is the leading solution for verifying safe indoor airflow
- veriDART ensures optimal ventilation system performance
- veriDART reduces infectious aerosol transmission risk
- veriDART allows for the collection of baseline data before making large-scale changes or investments
- veriDART lets you physically see how your HVAC system filters and moves air
- veriDART indicates how quickly aerosols dissipate in your spaces under current HVAC conditions

deficiencies with the HVAC system, verifying the efficacy of installation or remediations, and instilling occupant trust and confidence in building safety.

Schools/Universities: The veriDART™ technology will assess your HVAC system's effectiveness in addressing indoor aerosols like COVID-19. When a ventilation and filter assessment is conducted prior to re-occupancy, hot spots and deficiencies with the HVAC system can be identified, the efficacy of installations or remediations can be verified, and occupant trust and confidence in building safety and workforce productivity are increased.

Transportation: Community transportation and transportation networks are vital to our workforce, supply chains, and personal lives. To reduce the risk of disruption and improve infectious disease prevention, Universal Engineering Sciences (UES), in conjunction with SafeTraces veriDART aerosol tracing technology, can help ensure indoor air quality is optimized in community transportation settings including vehicle fleets and transportation hubs.



Visit us online at [universalengineering.com](https://www.universalengineering.com) for more information.