



Indoor Environmental Quality | IEQ Program

Indoor Environmental Quality has long been an issue often neglected by every industry in the United States. We measure and monitor the quality of the air and surfaces on a quarterly basis ensuring that the habitable areas are not contaminated with biological pollutants.

Partnering with



We have several years of testimonials, case studies, and quarterly assessments showing dramatic reductions of both surface and airborne microbial load. The Synexis® Standalone Units have been the cornerstone of our IEQ program within the oil & gas industry since our partnership was developed with Synexis in 2018.

Olivier Biodefense has the experience and track record of helping companies create, monitor, and maintain an Indoor Environmental Quality Program that is suited for the most challenging environments.

Our IEQ strategy includes:

1. Identifying IEQ concerns and issues from the building's occupants and management.
2. Performing baseline tests to gather data on the current condition of the environment.
3. Determining the type and quantity of Synexis BioDefense Systems to utilize in occupied areas.
4. Conducting quarterly building walk-through assessments along with surface and air testing.
5. Periodically reviewing and updating the IEQ Program based on surface and air testing and feedback from occupants and management.

Various Factors

Over the past several decades, exposure to indoor air pollutants has increased due to various factors:

Biological pollutants (bacteria, infectious diseases, insects, etc.); volatile organic compounds (VOCs); the construction of more tightly sealed buildings causing higher humidity which leads to mold formation; insufficient ventilation rates; synthetic building materials; and the use of chemically formulated personal care products, housekeeping supplies, and pesticides.