

Our accredited American Industrial Hygiene Laboratory provides accurate timely results of samples taken to evaluate indoor air and other exposures to building occupants. The ESIS Environmental Health Lab (EHL) can help you cost effectively monitor for airborne contaminants and bulk and wipe samples in facilities you manage. EHL is a full service lab that can assist you in complying with OSHA, ASHRAE, and other applicable standards.

### Sampling, Compliance, and Risk Reduction.

Exposures should be assessed and documented to comply with OSHA and other regulatory requirements to avoid employee complaints and third party lawsuits. Key to compliance and risk reduction is sampling, data interpretation, and swift corrective action, when warranted.

Collection of samples can be performed by ESIS Certified Industrial Hygienists or by your own trained staff. Telephone assistance with instructions on proper collection procedures is always available and the lab provides any required collection media.

### Certifications

- AIHA IH Accredited Laboratory (Certification # 144, Lab ID 6945)
- AIHA ELLAP Accredited Laboratory (Lead in soils, wipes, dust and air – Lab ID 6945)
- State of CT Approved Environmental Lab (PH-0510)

### Key Services for Construction

- **Indoor Air Quality.** We can provide indoor air investigations of your projects to respond to and minimize complaints with regard to indoor air or “sick building syndrome” problems that might arise during renovation projects. ESIS can provide proactive health and safety services and develop dust and solvent control plans prior to starting projects that minimize costly issues like building evacuations

due to concerns with dust levels or solvent odors. We can also audit your staff or subcontractors to ensure that health and safety and dust/solvent control programs are being followed.

- **Renovation Exposures.** Through air sampling, you can document air concentrations and collect wipe samples prior to and after renovations. Effective air sampling combined with proper isolation and creation of a negative atmosphere can help verify that the ventilation system is not spreading construction dust, paint solvents, and fungi to other areas of the facility. These precautions can reduce complaints and document the extent of exposures. This may be of value in the event of contract and tenant disputes.
- **Water Damage and Mold.** If you have had water damage to building materials, we can assist in identification and quantitation of mold through your collection of tape, bulk, or air samples. You can also use EHL for clearance sampling so you can assess the effectiveness of remediation contractors responsible for mold remediation. This will allow you to validate that the contractor performed the proper removal services and the replaced materials are not causing other health related problems. Finally, you can determine fungal spore levels prior to removing isolation barriers.
- **Silica and Lead.** EHL can help establish and document silica and or lead air concentrations during demolition or renovations. Bulk materials and paints can also be evaluated for the presence of silica and or lead prior to renovations.
- **Construction dusts.** EHL can provide guidance on the appropriate media to use to collect and evaluate potential exposures during construction including welding fumes, soldering exposures, dust levels from cutting or grinding, and/or solvents from evaporation or paint spray operations.
- **Asbestos.** We can identify the presence or absence of asbestos in bulk samples you collect.



## Contact

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**“We create success through solutions –  
tailoring effective risk management approaches to reduce our clients’ total cost of loss.”**

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