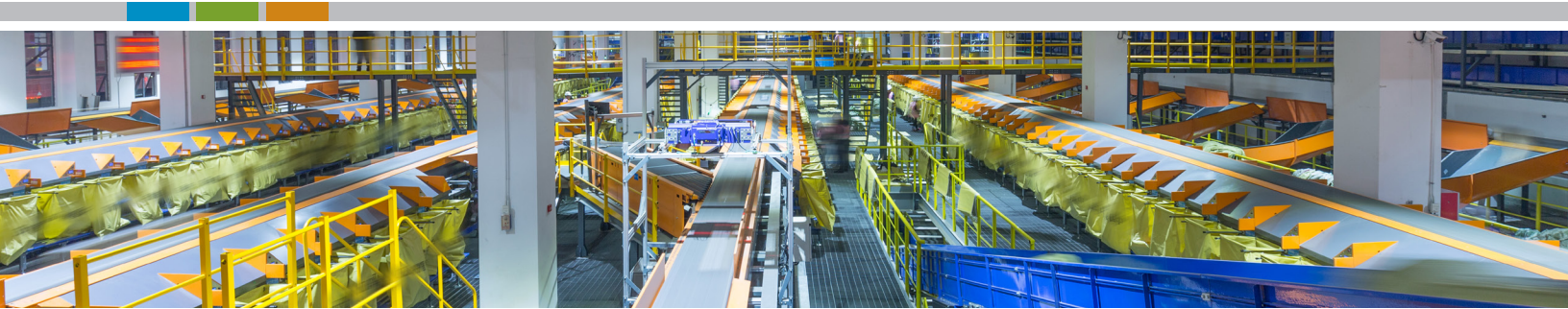


Industrial Hygiene Services

Evaluation. Investigation. Mitigation.



Investing in industrial hygiene pays off. It can increase your company's bottom line by boosting productivity while reducing workers' compensation and liability costs. From evaluations, surveys, and inspections to strategic planning, abatement design, oversight/air sampling, in-place management, exposure monitoring programs, data management, statistical analyses, and awareness training, we can help you achieve results and a return on your investment.

Industrial hygiene is a necessary element of any successful environmental, health, and safety program. Your team may be overseeing initiatives that fulfill government regulatory obligations while managing risk. They may also be tasked with developing policy/procedures/training to maintain compliance. But imagine how much more successful your program could be if you partnered with industrial hygiene experts who could assess, investigate, and mitigate your challenges quickly and cost-effectively? Imagine a partner with asbestos, mold, noise, lead, and other hazardous materials expertise who could cut your remediation/abatement costs by as much as 80%? Imagine, if their reputation was built by driving value for companies just like yours. You don't have to imagine. We can help.

Whether your hazard is specific to an operation, systemic to an industry, or arises from due diligence efforts, facility expansion projects, maintenance activities, decommissioning, process changes, accidental chemical releases or a full-scale emergency response effort, we can help.

Viewing industrial hygiene from both a health and safety and financial feasibility approach, we prioritize risk and optimize outcomes. And when the risk is high and your time is short, as in an emergency response situation, we accelerate our efficiency. For potential Legionella exposure, we provide water management programs for cooling towers, condensers, whirlpool spas, fountains, misters, atomizers, air washers, humidifiers, or any other devices that release water droplets. Our process spans water sampling, risk assessment, analysis, control method implementation, monitoring, and verification.

For emergency floods, hurricanes, or plumbing leaks, we provide water intrusion, moisture mapping, and flood damage using tools such as moisture meters and thermal infrared cameras. If we identify any water-impacted materials, our evaluation and remedial strategy will pave the way to restoration. And our comprehensive Indoor Air Quality (IAQ) testing during and after water damage events mitigates any risks to employers and property managers/owners and ensures the workplace is ready for re-occupancy.

Apex Experts. Proven Expertise.

Using their mastery of local, state, and federal regulations and OSHA, NIOSH, and other recognized protocol, our team represents the wide range of expertise needed to serve you best:

- Certified Industrial Hygienists
- Certified Safety Professionals
- Certified Microbial Consultants
- Certified Mold Remediation Specialists
- Professional Engineers
- Certified Hazardous Materials Managers
- Hazardous Waste Site Investigators and Supervisors
- Human Health Risk Assessors
- Certified Professional Environmental Auditors

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Our Services

We specialize in controlling airborne and dermal health hazards such as toxic dusts; fumes; mists; vapors; gases; and carcinogenic, mutagenic, and reproductive risks; as well as minimizing or eliminating physical hazards such as noise, ionizing radiation, and ergonomic hazards.

Asbestos

- Inspection and assessment surveys
- Sample collection and analysis
- Response recommendations and cost estimates
- Operation and maintenance plans
- Abatement bid management
- Abatement specification preparation
- Abatement air monitoring and management

Lead-Based Paint (LBP)

- Investigations, risk assessments, abatement monitoring
- Clearance inspections and sampling
- Sampling and analysis
- Response recommendations and cost estimates
- Project/site management
- LBP management plans/interim controls
- Project design specifications
- Operation and maintenance planning
- Abatement bid management

Vapor Intrusion

- Pathway and source evaluations
- Sub-slab, near-slab, and soil vapor sampling
- Site-specific modeling and risk evaluations
- Indoor air testing
- Risk assessments
- Mitigation system inspection, maintenance, testing, and repairs

Indoor Air Quality

- Interviews with building occupants
- Facility inspections and site history
- Ventilation system evaluations
- Air quality monitoring
- Mitigation planning
- Follow-up assessments

Mold

- Microbial sampling and analyses (air, wipe, and bulk)
- Assessments and water intrusion investigations
- Moisture mapping using thermal infrared cameras and meters
- Remedial strategy design
- Mold prevention planning

Representative Projects

Asbestos Abatement

National Retail Pharmacy • Costa Mesa, CA

We provided a “second-look” at a planned asbestos abatement project related to the demolition of an existing building. After our senior, CA-licensed Certified Asbestos Consultant (CAC) reviewed the existing asbestos survey, abatement design, and contractor bid submittals, we met with the client. We shared the opportunity for significant cost savings by segregating asbestos-containing materials (ACM) from asbestos-containing construction materials (ACCM)—a California-specific subcategory with different abatement and disposal criteria. We redesigned the abatement specification to eliminate the ACCM abatement required use of an ACCM demo contractor and provided abatement and demo oversight, monitoring and clearance.

As a result, we helped our client achieve full compliance with all federal, state and local laws and reduced the client’s abatement costs from \$70,000 to \$14,000 without delaying the project or compromising site or worker safety.

Asbestos Surveys, Moisture/Mold, and IAQ Assessment and Mold Remediation Management

National Supermarket Chain • Ohio

Apex has provided a variety of environmental and industrial hygiene consulting projects including conducting asbestos surveys for various buildings prior to acquisition, renovation, and/or demolition. We have also performed moisture/mold assessments for facilities after known moisture intrusion events to identify the extent of impact and determine appropriate remedial actions; designed and managed mold remediation to address areas of impact identified behind refrigerated display cases; and performed IAQ assessments regarding carbon monoxide, carbon dioxide, temperature and relative humidity. We maximized efficiency and controlled costs by accurately identifying and sampling any suspected asbestos-containing building materials that may be disturbed during mold remediation activities while achieving full compliance with all federal, state and local laws.

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info@apexc.com • (800) 733-2739

