

STEVEN A. LIPSON, CIH, CSP, FLAC, CIAQP, CIAQC, CIEC

Certified Industrial Hygienist #7658

Certified Safety Professional #14191

Florida Licensed Asbestos Consultant #AX-0000043

Certified Indoor Air Quality Consultant

Certified Indoor Air Quality Professional - #497

Certified Indoor Environmental Consultant (CIEC)

FIELDS OF EXPERTISE:

Indoor Air Quality; Microbial Consulting; Worker Exposure Monitoring; Health & Safety & Industrial Hygiene Consulting; Contaminant Surveys, Abatement Specifications, Operations & Maintenance, Air & Project Monitoring; Worker/Employer Training; Regulatory Interpretation & Compliance, Expert Witness Testimony

REGISTRATIONS & CERTIFICATION:

Certified Industrial Hygienist #7658
(Comprehensive Practice)

Certified Safety Professional #14191
(Comprehensive Practice)

Certified Indoor Environmental Consultant #0801023

Florida Licensed Asbestos Consultant #AX-43
Certified Indoor Air Quality Professional #497
Certified Indoor Air Quality Consultant #0611045

Member of the American Conference of Governmental Industrial Hygienists (ACGIH)

Member of the American Industrial Hygiene Association (AIHA)

Member of the American Indoor Air Quality Council

Member of the Association of Energy Engineers

OSHA Hazardous Waste Site Operations (40 hr)
Confined Space Entry

AHERA - Asbestos Worker/Supervisor Certification

AHERA – Asbestos Building Inspector

NIOSH 582 Asbestos Sampling and Analysis

AHERA Asbestos Project Designer

AHERA Asbestos Management Planner

Respiratory Protection – 3-Day Course

Florida One-Day Asbestos Roofing Course

EDUCATION:

University of Miami - B.S. in Biology with minor in Chemistry - 1990

University of South Florida College of Public Health - Continuing education in the field of industrial hygiene and ventilation

PROFESSIONAL SUMMARY:

Mr. Lipson is nationally certified in Comprehensive Practice by the American Board of Industrial Hygiene (CIH) and by the Board of Certified Safety Professionals (CSP). He has additionally been licensed as an Asbestos Consultant by the State of Florida. He currently serves as Director of Technical Services for Air Quality Consulting, Inc. of Brandon, Florida. In this capacity, Mr. Lipson is responsible for the management and operation of indoor air quality assessments, health & safety consulting services, abatement monitoring projects, worker exposure monitoring, air and drinking water sampling and supervision of technical and field services staff. Mr. Lipson has over seventeen years experience in Industrial Hygiene and Health & Safety management, training and compliance assurance. Mr. Lipson has personally performed, overseen and managed hundreds of indoor air quality consulting projects, spanning forty-eight States, Canada and the Caribbean.

PUBLICATION & PRESENTATIONS:

* Primary Author: American National Standards Institute (ANSI) standard ANSI.Z690 – Section on Remediation Methods/Plans. Also serving as Secondary Author on Section on Assessments/Inspections and as Secondary Author on Section on Sampling, Monitoring and Analysis. ANSI standard pending.

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- * Indoor air quality publication by the American Society of Safety Engineers (ASSE) West Florida Chapter. Speaker at ASSE meetings – Tampa Chapter, Orlando Chapter, Cape Canaveral Chapter, and Brevard County (FL) Risk Manager's Association.
- * Instructor of 2-day Indoor Air Quality and Microbial Training course for Practicing Consultants. Sold out class in Tampa, Florida.
- * Instructor of various seminars and accreditation courses in the fields of: indoor air quality, asbestos, hazardous waste site operations and emergency response (HAZWOPER), employee hazard communication, confined space entry, respiratory protection, and health and safety.
- * Lectured on mold as a real estate concern to the National Association of Real Estate Investors and Managers (NAREIM) at the 2004 National Convention in Chicago, Illinois.
- * Designed and oversaw monitoring of indoor air contaminant abatement at several military bases, postal facilities and other federal government facilities.
- * Performed/supervised baseline IAQ testing of hundreds of facilities in forty-six States, Canada and the Caribbean.
- * Legal assistance, deposition and court testimony (expert witness) in the fields of Indoor Air Quality, Industrial Hygiene, Asbestos and Health & Safety.
- * Performed indoor air quality assessments for dozens of various public and private entity clients including banks, county governments, apartment buildings, hotels, hospitals, manufacturing facilities, office facilities, public schools, universities and industry throughout North America.
- * Industrial hygiene contract management of State, local and county governments, school board agencies, and several colleges and universities in Florida.

PROJECT EXPERIENCE - GENERAL:

- * Occupational industrial hygiene monitoring and consulting projects spanning multiple disciplines including: worker exposure monitoring, respiratory protection, heat stress, noise dosimetry, airborne solvents, acids, bases, metals, dusts, fumes, vapors, mold and microbiological contaminants (bioaerosols), indoor environmental quality (IEQ), asbestos, radon, lead-based paint, HVAC evaluations, regulatory compliance, emissions air permitting (Title V), etc.
- * Performed and managed indoor air quality, lead-based paint, and asbestos consulting projects including specification generation, operations and maintenance, surveys, air and project monitoring, OSHA compliance sampling for numerous public and private entity Clients.
- * Indoor air quality microbial remediation projects including: survey, technical specifications and project monitoring for hospital, residential (single and multi-family) and office building environments.

SELECTED PROJECT-SPECIFIC EXPERIENCE

- * Performed indoor air quality assessment in New York City associated with re-occupancy of adjacent office building, following destruction of the World Trade Center in September 2001.
- * Performed sampling for Bacillus anthracis (anthrax) at an office high-rise in Boca Raton, Florida in wake of terrorist scare in October 2001.
- * Performed field study to determine effects on indoor air quality resulting from a plane crash in an office-building parking lot in Rancho Cordova, California.

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- Study included documentation of effects of fuel vapors, fiberglass, heat, smoke and carbon monoxide on indoor environmental quality in May, 2001.
- * Testified in New York City Federal Courthouse regarding indoor air quality, mold and demolition/construction particulate (2006).
 - * Designed and oversaw monitoring of microbial remediation of 184 apartment units for off-campus college student housing in Tallahassee, Florida (2004).
 - * Designed and oversaw monitoring of microbial remediation of a multi-story condominium building in Clearwater Beach, Florida (2004).
 - * Retained as expert witness in several single and multi-family housing lawsuits within the State of Florida.
 - * Performed moisture intrusion and mold evaluation in response to major flood of a federal hospital in Florida. Scope of work included moisture survey, wall cavity observation, and abatement specification development, incorporating mold and asbestos issues (2002).
 - * Performed indoor air quality, ventilation and microbial evaluation at Veterans Administration hospital in Florida. Scope of work included particle evaluation, HVAC assessment, moisture survey and wall cavity inspection (2003).
 - * Performed indoor air quality and mold evaluation at an 800-room luxury resort hotel in Miami Beach, Florida (2000).
 - * Performed mold evaluation and HVAC system assessment at a hospital in Venice, Florida (2003).
 - * Performed moisture intrusion and microbial evaluations at apartment complexes in various cities throughout the United States.
 - * Performed mold survey, abatement specifications, moisture intrusion study, and abatement project monitoring at a legal office in Melbourne, Florida (2002).
 - * Performed expert witness testimony on project involving mold from hurricane damage at a private residence, Sandestin, Florida (2000).
 - * Performed asbestos expert witness for litigation project concerning a high-rise building located in Memphis, Tennessee.
 - * Performed worker exposure assessment for organic vapors at an office facility in Memphis, TN (1997).
 - * Performed mold, bacteria, dust mite, indoor air quality and ventilation assessment at a multi-building office complex in Lincoln, Nebraska (2002).
 - * Performed surface water evaluation in response to wildlife die-off episode in Northbrook, Illinois (2002).
 - * Worker exposure assessment for noise and airborne particle contamination associated with work activities at a printing facility in Wheeling, Illinois (2001-2004).
 - * Occupational exposure assessment for carbon monoxide associated with a faulty heating furnace in Billings, Montana (2001).
 - * Performed microbial evaluation at a multi-story luxury hotel in Manalapan, Florida (2003).
 - * Performed worker exposure assessment for numerous contaminants including: metal dusts, acid

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- gases, oil mists, organic vapors and carbon monoxide at airplane part manufacturing facility in Orlando, Florida (1997-2001).
- * Performed survey of drinking water, ground water, air and soil to determine occupant exposure to thallium and arsenic in response to hair loss complaints in St. Petersburg, Florida (2001).
 - * HVAC evaluation pertaining to internal duct liner erosion at office facilities in Beaumont, Texas and Hudson, Ohio (1998).
 - * Performed airborne sampling for silica dust component migration for property adjacent to concrete manufacturing facility in Medley, Florida (2004).
 - * Generated Microbial Operations & Maintenance Program template document for a nationwide environmental consulting company (2003).
 - * Performed worker exposure and area air monitoring for vanadium pentoxide for defense contractor manufacturing facility (1999).
 - * Managed asbestos consulting department for nationwide consulting firms in Tampa and Miami. Responsible for management and oversight of asbestos laboratory, asbestos survey, air monitoring, specification and operations and maintenance program development. Public entity Clients included Florida County School Boards in Miami-Dade, Broward, Hernando, Sumter, Lake, and PAEC, as well as various County departments such as Parks & Recreation, Public Works, and County Commissioners (1992-1997).
 - * Performed asbestos and lead-based paint survey, specification generation and project oversight for renovation and demolition projects at Key West Naval Air Station and Tyndall Air Base in Florida (1999).
 - * Performed asbestos and mold survey, abatement specifications, and abatement project monitoring at a former substance abuse recovery center in Austin, Texas (2002).
 - * Performed mold assessment and cost analysis at an office high rise in Miami, Florida (2001).
 - * Managed asbestos laboratory in Miami, Florida performing microscopic analyses of airborne and bulk sample contaminants via Polarized Light Microscopy (PLM), Phase Contrast Microscopy (PCM) and Transmission Electron Microscopy (TEM) (1993-1995).
 - * Instructor: "Introduction to Life Sciences" course at Johnson & Wales University – Miami, Florida (1993).
 - * Performed and managed pre-demolition hazardous materials survey for polychlorinated biphenyls, asbestos, lead-based paint, hazardous chemicals, and RCRA metals, at an industrial manufacturing facility: Ybor City, Florida. Worker health and safety management, abatement management, and air monitoring during facility demolition (1999).
 - * Performed hazardous chemical inventory, evaluation, and hazard communication (HAZCOM) manual development and worker training in 17 facilities throughout the United States (1999).
 - * Performed indoor air quality and mold assessment at a flight simulator manufacturing facility in Florida (2002).
 - * Project specification design, Operations & Maintenance Program design and abatement project monitoring oversight for ongoing asbestos removal projects at a paper mill in Perry, Florida.

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- * Performed moisture and mold remediation survey and clearance testing at a flooded multi story business complex in Tampa, Florida (1998).
- * Drinking water survey and assessment in various large office facilities in Illinois, Virginia and Florida.
- * Performed sampling for worker exposure to hexavalent chromium at an industrial facility in Perry, Florida. (2007)
- * Generated Master Operations & Maintenance Program documents for asbestos and lead-based paint for Client-owned multi-family housing facilities throughout the United States (2007).
- * Performed testing to evaluate compliance with the US Green Building Council – LEED certification. Six public school buildings – Holiday, Florida (2008).
- * Performed moisture and microbial assessment following previously unknown quantities of water intrusion via HVAC system condensation throughout a 16-story office facility in El Segundo, California (2007).
- * Performed microbial evaluation, specification generation and abatement project oversight for a multi-story religious center and hotel in Clearwater, Florida. (2008).