

TECHNICAL SPECIALTIES

Natalie Fox has more than 20 years of experience in health science consulting. She has conducted a multitude of health and safety-focused assessments, including compliance audits, limited compliance reviews, and management system audits. These assessments were performed at various industrial and commercial facilities including warehouses, heavy equipment manufacturers, automobile parts and systems research and development and manufacturing as well as foundries, printing companies, food manufacturing, and various light and heavy manufacturing sites throughout the United States. She has assisted with the development and implementation of management systems, as well as developing and implementing health and safety programs, including Cal/OSHA and ANSI-based programs. Natalie has performed and managed site investigations, industrial hygiene surveys, and site assessments at commercial and industrial locations for a myriad of industries. She has assisted clients with meeting and/or responding to governmental agency requests, as well as provided technical support and management of research efforts in a wide variety of dispute resolution matters.

CREDENTIALS

B.S., Zoology – Auburn University
Certified Industrial Hygienist (CIH)
Certified Safety Professional (CSP)
Asbestos Building Inspector – Illinois
Asbestos Project Designer – Illinois
Air Sampling Professional
OSHA 30-hour General Industry

PROFESSIONAL AFFILIATIONS

American Industrial Hygiene Association (AIHA)
American Society of Safety Professionals (ASSP)

SPEAKING ENGAGEMENTS

AIHce, May 2018, Philadelphia, PA – Effectively Reducing Employee Exposures to Respirable Crystalline Silica
Institute of Internal Auditors (IIA), November 2016, Chicago, IL – Worst Plant
Illinois Association of School Business Officials (IASBO), September 2014, Downers Grove, IL – Asbestos Basics

KEY PROJECTS

Industrial Hygiene

- Developed a sampling strategy to determine the concentration of combustion exhaust entering data centers for a technology company. After development of the strategy, managed the industrial hygiene assessments; adjusted the strategy, as necessary; and analysed the resulting data to determine necessary controls (administrative and engineering) and any contributing/confounding factors.

- Performed and managed a quantitative industrial hygiene assessment to determine employee exposures to solvents used during the manufacture of adhesives. Assisted with the determination and implementation of controls to reduce identified employee exposures.
- Performed a qualitative industrial hygiene assessment and quantitative sampling to assess potential employee exposures to chemical water treatments in data center locations.
- Developed and managed an industrial hygiene sampling strategy for a global food and flavor company to assist with assessing employee exposures and implementing the necessary controls to ensure employee health and regulatory compliance. The sampling strategy included both qualitative and quantitative assessments as well as continued sampling to evaluate the effectiveness of controls. Throughout the work, assisted with communicating results and recommendations within the company.
- Performed baseline respirable crystalline silica sampling, as well as respirable dust mapping, at glass manufacturing facilities in Pennsylvania and New York to determine compliance with OSHA’s respirable crystalline silica standard. Recommended additional controls to reduce/eliminate employee exposures and continued to manage periodic exposure assessments to determine changes in employee exposures.
- Designed and performed an exposure reconstruction project to determine potential employee exposures during the application of a sprayed-on industrial disinfectant.
- Designed, performed and managed a myriad of industrial hygiene exposure monitoring projects for chemical and physical agents in industrial and commercial facilities.
- Performed an industrial hygiene assessment to assist a plastic container manufacturer and printer respond to an OSHA complaint.
- Assisted in the design and performance of an exposure reconstruction project to determine potential historical exposures to asbestos-containing caulks and glazes. Project included the reformulation of historical products using historical product manufacturing information.
- Assisted in the design and performance of an exposure reconstruction project to determine potential user exposures to titanium dioxide during the application of consumer products.
- Performed building inspections related to water damage and other building failures to determine the

presence of potential contaminants, such as mold contamination, in commercial facilities.

- Performed a multitude of indoor air quality investigations in commercial facilities.
- Performed investigations for the presence of asbestos-containing building materials in commercial and industrial facilities.
- Managed a multitude of abatement projects, including asbestos, mercury, and lead in both commercial and industrial locations.
- Managed mold remediation projects in facilities including schools, hospitals and nursing homes.

Health & Safety Compliance including Program Development and Implementation

- Developed corporate level technical standards for various industrial clients including a global food and flavor company, a company involved in the development and manufacture of car wash chemicals and equipment, and manufacturing companies servicing sectors including the utility industry.
- Assisted an industrial client with developing and implementing abatement actions in response to OSHA citations related to health and safety compliance and employee exposure.
- Served as part-time corporate EHS support for a manufacturing client until a new corporate EHS team was hired.
- Managed on-site environmental, health and safety compliance support staff for various companies, including technology and equipment manufacturing companies. As part of the on-site support, assisted companies to identify and close compliance gaps and to manage risk.
- Created legal registers and performed risk assessments for various companies, including a global streaming service.
- Assisted various clients to develop and implement incident investigation programs. This included training on how to perform investigations and root cause analysis and determining corrective actions.
- Developed and revised multiple health and safety procedures, programs and trainings for a nationwide telecommunications company, including Confined Space, Hazard Communication, and Respiratory Protection. Select programs were developed in compliance with Cal/OSHA requirements.
- Developed and implemented a safety metrics tracking system for a global food and flavor company, including a written procedure and spreadsheet

tracking database. After the system was finalized, developed, and provided training on the system to employees across the globe.

- Spent approximately 4 months on-site developing health and safety programs and training presentations for a large technology company in California. Programs were written to be in compliance with OSHA, Cal/OSHA and ANSI requirements. Developed programs included, but are not limited to, Bloodborne Pathogens, Confined Space, Working at Heights, and Control of Hazardous Energy.
- Assisted a national snack food company to develop multiple written health and safety programs.
- Assisted a food and flavor company to update and implement their health and safety programs. Assistance included developing and providing employee training for program areas such as confined space awareness and flammable liquid management and storage.
- Developed a written respirable crystalline silica program, including the development of compliant training, for a national glass manufacturing company. Additionally, provided training on respirable crystalline silica at one of the facility's locations in New York.
- Provided on-site support to an industrial supply company during the transition to OSHA's Hazard Communication Globally Harmonized System. Support included interfacing with suppliers and customers, assisting with interpretation of regulations, and review and approval of supplier safety data sheets.

Compliance Audits

Completed and/or managed over 100 health and safety focused compliance audits in locations throughout the United States for companies that manufacture chemicals, food and flavors, personal care products, automotive parts, electronics and aerospace equipment, metal fabricated parts, pumps and valves, construction and railroad equipment, inks and paints, ammunition, and rubber components as well as foundries, distribution centers and air cargo operations at various US airports. Select projects are detailed below:

- Managed and performed compliance audits at various sites for a defense contractor, including at facilities in Ohio, Georgia, Oregon and California.
- Completed compliance reviews for technology and telecommunications companies, including at data centers, to assist with identifying compliance gaps and developing environmental, health and safety programs.

- Managed global audit programs for various industrial clients, including sites in Canada, Mexico, and throughout Europe.
- Completed a compliance review of commercial real estate properties to assist an investment firm in understanding their environmental, health and safety liabilities.
- Conducted audits for a heavy equipment manufacturer focused on identifying systemic cultural issues that may contribute to health and safety risks or increases in employee near misses and injuries. Facilities were located in states including Colorado, Indiana, Illinois, and California.
- Managed and performed compliance audits for hazardous waste clean-up, shipment, and treatment companies with locations throughout the United States.
- Performed compliance audits at manufacturing and distribution facilities for a snack food company. Facilities were located in various states, including California, Illinois, Indiana, Ohio, Virginia, and Texas.
- Completed compliance audits for a food and personal care product manufacturing company with locations in states including Nevada, North Carolina, and Virginia.
- Performed compliance reviews of facilities in order to develop a facility compliance register. Developed the register, and the corresponding compliance calendar, using the company's Intelix system.
- Conducted compliance and internal management system audits for an automotive parts manufacturer and developer in various locations throughout the United States.
- Performed compliance assessments for a company that owns facilities in various manufacturing sectors, including chemical, aerospace and electrical metering.
- Participated in Process Safety Management audits for a food and flavor manufacturer.
- Assisted with compliance audits of several public high schools in Illinois.

Management System Development & Implementation

- Developed a corporate level health and safety management system for a global food and flavor company.
- Performed management systems audits for a commercial and defense electronics company, including gap assessments to facilitate the transition from OHSAS 18001 to ISO 45001.

- Assisted with the development of an environmental, health and safety management system for a national telecommunications company. The management system was implemented at locations throughout the continental United States.
- Assisted an automobile manufacturer with the development of an environmental management system for engineering, logistics and manufacturing facilities throughout the United States.
- Developed and assisted with the implementation of a health and safety management system for an automotive system engineering facility. The management system was developed and implemented in preparation for certification.
- Assisted a food and flavor manufacturing facility located with the development and implementation of a Process Safety Management program.
- Participated in the American Industrial Hygiene Association (AIHA) OHSMS (Occupational Health & Safety Management Systems) Examination Workshop, which focused on the development of questions for AIHAs planned OSHMS certification.

Due Diligence

- Managed and performed a multitude of limited health and safety compliance reviews as part of mergers and acquisitions.
- Performed a limited health and safety compliance review of various nut butter facilities in central California to identify any high-level health and safety risks.
- Completed a high-level compliance review to determine risks associated with combustible dust at facilities including a pet food manufacturing facility and a spa manufacturing company.
- Performed a high-level process safety management review of a chemical manufacturer in Colorado to determine potential applicability and to identify any other health and safety risks.
- Conducted and managed limited health and safety compliance reviews of multiple beverage bottling and warehouse facilities throughout California.