

Clinton E. Smith, MS, CIH, CSP
LEED® Green Associate
Industrial Hygienist

Summary of Qualifications

- 6+ years delivering industrial hygiene and safety consulting services, including indoor air quality surveys, industrial hygiene exposure assessments, and environmental compliance tasks.
- Developed and analyzed comprehensive hearing conservation programs, including historical data analyses and written program evaluation, along with conducting facility-wide sound level mapping and noise dosimetry sampling.
- Assisted in the design and evaluation of numerous ventilation systems in various manufacturing environments and laboratory environments with an energy conservation facet.
- Developed a nanomaterial safety program and conducted nanomaterial characterization and exposure assessment surveys in the research and development laboratory environment.
- Completed industrial hygiene risk assessments in various heavy and light industry facilities.
- Provided air monitoring guidance related to workplace and community impacts for industrial and site remediation applications.

Education

- University of Massachusetts at Lowell
Master of Science, Occupational and Environmental Hygiene (2011)
- Clarkson University
Bachelor of Science, Environmental Science and Policy (2009)

Professional Certifications/Associations

- American Board of Industrial Hygiene, Certification in the Comprehensive Practice of Industrial Hygiene (CIH)
- American Board of Certified Safety Professionals, Certified Safety Professional (CSP)
- Leadership in Energy & Environmental Design®, Green Associate
- New York State Department of Labor (NYSDOL) Licensed Mold Assessor
- OSHA (1910.120) Hazardous Waste Operation and Emergency Response (HAZWOPER), 40-hour training certification
- OSHA (1910.120) HAZWOPER Supervisor, 8-hour training certification
- OSHA Construction Safety and Health, 10-hour training certification
- Member, American Industrial Hygiene Association (AIHA)
- Member, AIHA Nanotechnology Working Group

Professional Highlights

COLDEN CORPORATION

Health and Safety Auditing – Participated on a multidisciplinary team with legal and corporate governance experts to investigate and form recommendations for a global manufacturer with the goal of restructuring their health and safety organization. The audit involved conducting site evaluations of domestic operations including interviews, facility inspections, document and record reviews, safety systems reviews, and evaluation of site and corporate hazard identification and correction means, site safety meeting and committee attendance, safety communications, safety metrics, safety behavior, industrial hygiene, and training means. Provided recommendations for delivery to the Board of Directors concerning culture and leadership, management systems, safety resources, evaluation of safety performance, and Board oversight.

Indoor Environmental Quality – Served as project manager for nationwide support contract to respond to and help resolve indoor environmental quality issues at 70 retail stores across the nation for a major electronics company, including water or wastewater intrusion, mold, allergens, worker health symptoms or complaints, or related issues.

Industrial Hygiene – Providing industrial hygiene exposure assessment services for clients in the manufacturing and construction industries. Conducted community air monitoring and served as the Site Safety and Health officer during the remediation of a major utility's former manufactured gas plant (MGP).

Ventilation Assessment and Design – Conducted a local exhaust ventilation risk assessment in over 70 research and development laboratories within a Leadership in Energy & Environmental Design (LEED®) certified building to achieve lower energy consumption while ensuring health and safety standards are maintained.

Noise Assessment and Hearing Conservation Program Management – Completed business wide noise dosimetry evaluations from coast to coast for 20 heavy and light industrial sites. Based on the dosimetry results, comprehensive recommendations for personal protective, equipment (PPE), administrative controls, and engineering controls were generated. Completed a comprehensive community noise evaluation throughout a 126 megawatt wind turbine project.

Environmental Compliance – Provided client-based guidance and insight involving Environmental Protection Agency (EPA) regulations, EPA National Ambient Air Quality Standards (NAAQS) and state standards surrounding an urban building renewal project.

UNIVERSITY OF MASSACHUSETTS - LOWELL

Occupational and Environmental Health – Utilized perimeter air-monitoring data and meteorological data from an MGP remediation site to assess whether wind speed, temperature, and relative humidity affected the concentration downwind from the work zone. Total volatile organic compound (TVOC) work zone concentrations were also used to develop and implement a plan to improve worker respiratory protection.

Industrial Hygiene – Planned and implemented a hazard characterization at a die casting facility and conducted a noise exposure and mapping survey at a large cardboard manufacturing facility.

Indoor Air Quality – Conducted an indoor air quality survey to characterize and evaluate daily and weekly exposures to common indoor air contaminants within a number of different microenvironments.

CLARKSON UNIVERSITY

Industrial Hygiene – Provided a full local exhaust ventilation system assessment in the machining and blacksmithing operations at a primary aluminum production facility in northern New York.

PUBLICATIONS

Magari SR, **Smith CE**, Schiff MR, Rohr AC, Evaluation of community response to wind turbine-related noise in Western New York State. *Noise and Health*, Vol. 16(71), pp. 228-239, 2014.

Schiff MR, Magari SR, **Smith CE**, Rohr AC, Field evaluation of wind turbine-related noise in western new York State. *Journal of Noise Control Engineering*, Vol. 61(5), pp. 509-519, 2013.