



Professional Development for Health and Safety Experts

RUSSELL B. BOWEN, CIH, CSP
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POSITION President

EXPERIENCE Founded Bowen EHS, Inc. in 2003
Over 20 years professional experience

EDUCATION BS, Physics, Truman State University, Kirksville, MO 1990
MS, Environmental Science and Engineering,
UNC-Chapel Hill, Chapel Hill, NC 2003

CERTIFICATIONS

Certified Industrial Hygienist (CIH) #7828, 1999
Certified Safety Professional (CSP) #14949, 1996

FIELDS OF COMPETENCE

Comprehensive industrial hygiene and safety with a focus on CIH and CSP online review courses, exposure assessment and statistics, health and safety management for small and medium sized businesses, indoor air quality, hazardous materials and emergency response.

SAMPLE OF PROJECTS AND EXPERIENCE

- **CIH and CSP online review courses.** Created and taught online review courses designed to prepare clients for the CIH and CSP exams. Passing rate of CIH clients taking the exam is at least 50% higher than the rate for the entire testing population.
- **Noise Assessment at Industrial Laundry Facility.** Personal noise dosimetry at press stations and wash line.
- **Health and Safety Support: Large Federal Research Facility.** Conducted annual inspections of facility. Evaluated ergonomic and indoor air quality issues. Responded to emergency maintenance issues.



- **HAZWOPER Training for Federal Agency.** Taught 24-hour hazardous waste operations and emergency response training and 8-hour refresher courses for federal employees in Atlanta, Georgia. Covered incident command systems, personal protective equipment, decontamination, respiratory protection, toxicology, safety procedures, air sampling, exposure monitoring and medical surveillance.
- **Chemical Exposure Assessments.** Numerous sampling projects for workplace exposures to chemical contaminants including asbestos, lead, ethylene oxide, formaldehyde, mold, isoflurane, and others.
- **Indoor Air Quality Investigation at a Poultry Facility.** Employee complaints of sporadic episodes of upper respiratory irritation were investigated. Suspected cause was the generation of chloramines from highly chlorinated water reacting with ammonia.
- **Wood Dust Exposure Assessment at Lumber Yard.** Worker's compensation claim against a lumber yard regarding an employee diagnosed with chronic obstructive pulmonary disease (COPD). Evaluated air concentration of wood dust from operations.
- **Indoor Air Quality Course.** Taught 2 ½ day indoor air quality course through the UNC Occupational Safety and Health Education and Research Center (OSHERC).
- **Introduction to Risk Assessment.** Designed and taught a 2 ½ day course on risk assessment for health and safety professionals through the UNC OSHERC.
- **Environmental, Health and Safety Manager: Chemical Plant.** Served as the environmental health and safety manager at a chemical plant in Savannah, GA. Responsible for all environmental reporting and safety processes. Facilitated the implementation of a behavior-based safety process. Responsible for hearing conservation program, personal protective equipment, lockout tagout, confined space entry and all safety processes.
- **Noise Assessment at Animal Research Facility.** Measured noise levels in canine and swine kennel. Client was interested in effect of noise levels from barking dogs on the pigs kept in the same room.
- **Health and Safety Manager: Lead Superfund Project.** Managed 8 safety technicians and health and safety program for large lead remediation project in central Illinois. Approximately 60 active employees working on the project. Daily exposure monitoring and construction activities were completed.
- **Integrated Pest Management Plan: Federal Facility.** Developed draft integrated pest management plan for US Governmental Agency at a large research facility.

- **Construction Health and Safety Supervisor.** Served as the daily safety officer on subcontract for a large DOE radiation remediation project. Project involved construction of a pilot plant to remediate waste chemical lagoons. Conducted daily safety meetings and worked directly with workers to ensure project was completed with no accidents.
- **Regional Health and Safety Manager: Industrial Maintenance.** Managed health and safety process for 3 operating facilities in Missouri and Illinois. Major activities included high pressure (20,000 psi) water blasting, vacuum truck work and chemical cleaning at large chemical plants and oil refineries.
- **HAZMAT Emergency Response Technician.** Started career at a small environmental remediation company in St. Louis, MO. Worked on a variety of environmental projects including pesticide facility remediation, asbestos remediation of a high-rise office building, contaminated drum remediation and numerous emergency response projects.

PROFESSIONAL MEMBERSHIPS

- American Industrial Hygiene Association (AIHA)
- American Society of Safety Engineers (ASSE)

ADDITIONAL TRAINING

Asbestos Inspector Initial Training Course	2008
Non-Ionizing Measurement Class	2007
Analysis of Categorical Data	2004
Intermediate Linear Models	2004
Introduction to Organic Chemistry	2003
Statistical Methods	2003
Indoor Air Quality: Maintenance and Evaluation of the Indoor Environment	2003
Mold Assessment and Remediation	2003
American Red Cross Adult CPR	1999
American Red Cross Standard First Aid	1999
Mine Safety and Health Administration (MSHA) Instructor Training and First Aid for Instructors	1998
Environmental Health and Safety Train-the-Trainer	1996
HM 126F DOT Hazmat Training	1996
10-Hour OSHA Construction Safety and Health Training	1992
AHERA Asbestos Abatement Worker Training	1990
40-Hour HAZWOPER Site Remediation	1990
US Army Reserve Primary Leadership Development Course for Reserve Components	1986
Dept. of the Army Reserve Component Chemical, Biological, Radiological Noncommissioned Officer Course	1984