

David R. Carls, CIH CSP
411 Golden Gate Avenue, Point Richmond, CA 94801
510-236-1806
Professional Resumé

OVERVIEW

Certified industrial hygienist and safety professional with fifteen years of experience in the Environmental, Safety & Health arena with a diverse background in indoor air quality (IAQ), occupational health and safety, hazardous waste management, environmental compliance and public health. Experienced in all aspects of industrial hygiene and safety relevant to a wide range of industries and applications. I have more than 15 years experience in industrial hygiene and safety.

AREAS OF EXPERTISE

- Conducting a comprehensive industrial hygiene and safety practice
- Developing and implementing written industrial hygiene and safety programs
- Conducting health and safety assessments, surveillance, audits, and program evaluations
- Developing and conducting health and safety training for employees, management and peers
- Constructing detailed sampling strategies to efficiently determine employee exposure
- Performing source, area and personal sampling to ensure employee safety and limit liability
- Implementing necessary engineering, administrative and personal protective controls
- Ensuring compliance with local, state and federal regulations for safety & health
- Performing accident/illness investigations and communicating lessons learned
- Analyzing illness/injury trends to focus safety & health resources where most appropriate
- Reducing illness and injury incidents, reducing lost work time and associated costs
- Developing and managing a medical surveillance program
- Supervising industrial hygiene technicians and coordinating their work effort
- Writing and review of Health and Safety Plans and Job Safety Analysis
- Principal investigator for over 500 fungal contamination sites of which 50 were legal cases
- Expert witness on fungal contamination of structures and building contents
- Designing IAQ evaluation and mitigation plans, and supervising implementation
- Consultant to attorneys and insurance industries on mold and sewage issues
- Evaluation of building mechanical systems with an eye towards maximizing IAQ
- Conducting air quality investigations for physical, chemical and biological contaminants
- Performing public health risk assessments for hazardous waste site exposures
- Managing and conducting all aspects of Environmental Site Assessments
- Business Management: marketing, client negotiations, hiring, training, billing

WORK HISTORY

- David Carls, CIH - Certified Industrial Hygienist/Safety Professional (Consultant) 1997-2010
- Bechtel Petroleum Operations - Certified Industrial Hygienist/Safety Professional 1996-1997
- Lockheed Martin Corporation/Westinghouse - Certified Industrial Hygienist 1993-1996
- Miller Environmental - Industrial Hygienist/Environmental Scientist 1991-1993
- Engineering Science, Inc. - Industrial Hygienist/Environmental Scientist 1988-1991
- San Joaquin Local Health District - Registered Sanitarian 1987-1988
- Illinois Department of Public Health - Industrial Hygienist/Environmental Toxicologist 1985-1987

EDUCATION AND AFFILIATIONS

- B.S. Industrial and Environmental Hygiene (chemistry minor) University of Wisconsin, 1983
- Numerous post-college professional development courses in industrial and environmental health
- American Academy of Industrial Hygiene (AAIH - member
- American Board of Industrial Hygiene (ABIH - diplomat)

PROFESSIONAL REGISTRATIONS

- Certified Industrial Hygienist - American Board of Industrial Hygiene (Certificate Number - CP6741)
- Certified Safety Professional - Board of Certified Safety Professionals (Certificate Number - 14388)