



## CLARK R. LOVENSHEIMER, JR., B.S.O.S., CSP, CIEC

### PROFESSIONAL BIOGRAPHICAL OUTLINE

#### BACKGROUND

Mr. Lovensheimer earned a B.S. in Occupational Safety and Industrial Hygiene Management at Millersville University in Millersville, PA, and has earned the designation of Certified Safety Professional (CSP) by the Board of Certified Safety Professionals (BCSP), and the designation of Certified Indoor Environmental Consultant (CIEC) by the American Council for Accredited Certification (ACAC), and the Council of Engineering and Scientific Specialty Boards (CESB). During his career, he has provided occupational safety and industrial hygiene services and testimony to government and industrial clients in the areas of workplace OSHA compliance (including PPE); hazard recognition, evaluation and control; personal and ambient air monitoring; employee training; occupant crash protection; accident reconstruction; community noise enforcement; and playground safety inspection.

#### SUMMARY OF EXPERIENCE

- Evaluation of OSHA compliance/non-compliance in Construction environments and in General Industry workplace settings
- Provided worker safety and health oversight in a variety of environments including environmental assessment and remediation, facility decommissioning/decontaminating/demolition, asbestos inspection and removal, construction activities including excavations and heavy equipment use
- Conducted Personal Protective Equipment (PPE) needs-assessment, implementation, and training
- Decommissioning and re-purposing of a variety of US Military facilities. Environmental remediation activities including waste/hazard characterization; PPE selection, training, and usage; worker/area/community exposure monitoring using a wide variety of direct-read instrumentation and sample collection and analysis technologies
- Provided site-specific safety and health training for on-site personnel. Verified completion of OSHA-required and/or client-required training. Advised and verified use of appropriate levels of PPE for on-site workers. Provided daily safety and health toolbox meetings to communicate changes/updates to project status and expected hazards
- Conducted general safety inspections in construction, manufacturing, and laboratory environments
- Provided external/independent safety auditing consulting for industry and government agencies
- Performed qualitative and quantitative respirator fit testing and training in support of corporate respiratory protection program. Provided training regarding proper selection, use, and maintenance
- Conducted noise surveys using sound level meters, octave band analyzers, and noise dosimeters to map exposures and identify equipment requiring attenuation. Consulted with outside acoustics expert to identify viable material substitutions and other engineering controls. Implemented substitutions and controls. Conducted follow-up noise survey to document improvements and hazard reductions
- Often called upon to provide/follow approved techniques for sample/evidence transfers, and chain-of-custody maintenance protocols
- Investigation and assessment of biological and microbiological contamination in the indoor environment. Indoor Air Quality (IAQ) investigation and assessment. Sampling and assessment using spore traps, viable impactor samplers, volatile organic compound detectors, anemometers, manometers, thermometers, and hygrometers, and various bulk sample collection techniques

- Investigation and evaluation of indoor mold contamination, including: building inspection, water/moisture intrusion sourcing, air and bulk sampling using a variety of direct-read instruments and sample collection technologies. Interface with analysis laboratory. Issue written report of findings
- Provide training seminars to insurance company representatives and legal professionals addressing IAQ topics including microbiological contamination investigation, evaluation, and control
- Monitored employee, work area, and community exposure to dust, gasses, vapors, noise, heat/cold stress, and biological pathogens
- Performed high-volume ambient air monitoring using a variety of sampling and analysis technologies. Monitored ambient air quality using high-volume TSP samplers, high volume PM-10 samplers, and variable flow Summa Vacuum canisters
- Investigation, evaluation, and testing of occupant crash protection systems including seating and restraint systems, inflatable restraints, child safety seating, and vehicle crashworthiness
- Identification of failed occupant crash protection systems. Design and fabrication of alternative designs. Full-scale comparison testing of production and alternative designs
- Provide training seminars to insurance company representatives and legal professionals addressing traffic accident investigation and reconstruction, occupant crash protection systems, and vehicle crashworthiness design and field-performance

## AREAS OF SPECIALTY

- Safety and Health Management
- OSHA Regulatory Compliance
- Personal Protective Equipment (PPE)
- Playground Safety
- Employee Exposure Monitoring
- Hazard Communication
- Accident Investigation
- Motor Vehicle Safety
- Respiratory Protection
- Indoor Air Quality (IAQ)
- Construction Safety
- High Volume Ambient Air Monitoring
- Mold Inspection and Sampling
- Traffic Accident Investigation
- Community Noise Enforcement

## EDUCATION

- Certified Safety Professional (CSP), Board of Certified Safety Professionals (BCSP)
- Certified Indoor Environmental Consultant (CIEC), American Council for Accredited Certification (ACAC), and Council of Engineering and Scientific Specialty Boards (CESB)
- B.S., Occupational Safety and Industrial Hygiene Management (1990). Millersville University, Millersville, PA

## ADDITIONAL EDUCATION

- BOSCH CDR Technician Training, Institute of Police Technology and Management
- Certified Indoor Environmental Consultant (2022), Indoor Sciences, Chicago, IL
- Certified Playground Safety Inspector (2018), National Recreation and Parks Association, Ashburn, VA
- Community Noise Enforcement (2015), Rutgers: The State University of New Jersey, New Brunswick, NJ

- Traffic Accident Reconstruction 1 (2005), Northwestern University, Center For Public Safety, Evanston, IL
- Traffic Accident Reconstruction 2 (2005), Northwestern University, Center For Public Safety, Evanston, IL
- Microbial Assessments: Advanced Topics (2004), MidAtlantic Environmental Hygiene Resource Center, Philadelphia, PA
- Mold Remediation Project Manager (2003), MidAtlantic Environmental Hygiene Resource Center, Philadelphia, PA
- Understanding Mold Contamination in the Indoor Environment (2003), EMSL Analytical, Inc, Cherry Hill, NJ
- Investigating and Assessing Biological and Microbiological Contamination in the Indoor Environment (2002), MidAtlantic Environmental Hygiene Resource Center, Philadelphia, PA
- Certified Mold Inspector (2002), Certified Mold Inspectors & Contractors Institute, Hurricane, UT
- Vehicle Dynamics (2001), Northwestern University, Center For Public Safety, Evanston, IL
- Human Anatomy and Physiology II (2000), Montgomery County Community College, Blue Bell, PA
- Applied Engineering Statics (1999), Montgomery County Community College, Blue Bell, PA
- Human Anatomy and Physiology I (1999), Montgomery County Community College, Blue Bell, PA

## PROFESSIONAL AFFILIATIONS

- Board of Certified Safety Professionals (BCSP)
- American Society of Safety Professionals (ASSP)
- American Council for Accredited Certification (ACAC)
- Council of Engineering and Scientific Specialty Boards (CESB)
- National Safety Council (NSC)