

John Wm. Colvin, CIH, CSP, CEAS III

Health, Safety and Environmental Expertise

Mr. Colvin has more than 30 years of experience in identifying and solving problems in the Health, Safety and Environmental (HS&E) field. He has extensive experience including Hazmat, geophysical testing, and evaluating the severity and breadth of contamination in air, water and soil. He has developed systems for relative risk assessment of hazards from asbestos, lead, mold, noise exposure and musculoskeletal demands during field and office work. Mr. Colvin assessed potential cancer risk to firefighters in their fire house living quarters, and potential cancer risk for recreational use on AstroTurf and crumb rubber surfaces. He coordinated with NIOSH (National Institute of Occupational Safety and Health) to conduct a study comparing musculoskeletal demands of police officer wearing their duty gear on vests versus the more conventional duty belt. He became an expert in Behavior Based Safety (BBS) and safety culture enhancement utilizing ongoing coaching and peer to peer evaluations. Mr. Colvin has presented his sampling and data findings to various governmental boards and agencies and during professional conferences.

INDUSTRIAL HYGIENE, PERSONAL INJURY & ACCIDENT RECONSTRUCTION

He has written several publications including the OSHA Reference Guide, Safety Orientation for New Employees, and Safety Training Curriculum Guide among others for CIRSA, (a municipal insurance pool in Colorado), and CIRSA's members. He is skilled at various ergonomic software programs that quantify specific joint force demands and relative risk of injury in complex field operations involving heavy forces and repetition. Mr. Colvin has inspected thousands of buildings and operations including water and wastewater and manufacturing plants, public works and fleets facilities, police and fire operations, recreation centers, water slides, playgrounds and marinas. Relative to comfort and health concerns, Mr. Colvin has expertise and professional training in mechanical systems such as electrical, HVAC and fire protection systems along with proper storage and use of materials and chemicals. He has identified potential structural and building issues and damages that may be related to soils, water, and climatic conditions.

WORK HISTORY

Industrial Hygienist – IEC Ltd., East Lansing, MI – 1984 – 1987; Industrial Hygienist, Johns Manville Corp., Denver, CO 1987 – 1991; Senior Loss Control Representative/Industrial Hygienist, CIRSA Denver, CO – 1991 – 2019; Safety Professional, WERC 2019 – Present. Mr. Colvin served as Small Business Chair on the Rocky Mountain Section AIHA Board for six years, followed by AIHA-RMS Board President from 2008 to 2011.

CREDENTIALS & AFFILIATIONS

American Industrial Hygiene Association (AIHA); Certified Industrial Hygienist (CIH) ABIH
American Society for Safety Professionals (ASSP); Certified Safety Professional (CSP) BCSP
Certified Ergonomics Assessment Specialist III (CEAS III); Back School of Atlanta, GA
Getty Images/I-Stock Contributor (Photography)

CIH, Certified Industrial Hygienist – a specialty involved with protecting worker health from foreign agents that could be injurious to acute or chronic health such as cancer, musculoskeletal disorder, organ damage, hearing loss, acute asthma, or radiation poisoning or lung damage due to silica, radon or asbestos or mold.

CSP, Certified Safety Professional – a specialty involved with protecting employees from injury to falls, vehicle collisions, back injury, repetitive motion injury, cave-ins while working below ground, electrical hazards, and chemical hazards and asphyxiation.

CEAS III – Certified Ergonomic Assessment Specialist III – highest level of evaluator through the Back School. Such a specialist would break down jobs into steps, evaluate the hazards of each step and determine if proper set up, changing of sequences, use of material handling equipment, and proper use of body mechanics would assist in preventing injury or protecting from re-injury.



Practice Areas

- Industrial Hygiene
- Ergonomics
- Injury Accident Reconstruction

Contact Information

jcolvin@werc.com
303-757-4000
800-303-9800

Credentials

- BS, Geology, Michigan State University, 1983
- Presented numerous classes regarding defensive driving, accident investigation, back injury prevention, slips, trips and falls prevention, asbestos awareness, ergonomics and indoor air quality; and other related topics.

FORMER AFFILIATIONS

- US Green Building Council LEED Accredited Professional (LEED-AP)
- National Recreation and Parks Association Certified Playground Safety Inspector (CPSI)
- American Water Works Association (AWWA)

NATIONAL CONFERENCE PRESENTATIONS

- Silica Hazards
- Behavior Based Safety
- Industrial Hygiene

20200201