



CURRICULUM VITAE

Ronald R. McHaney, CSP Senior Forensic Safety Consultant

PROFILE

Reliable, business professional, highly educated and national safety board certified. Mr. McHaney has demonstrated, through a successful 40-plus year career in OSHA and MSHA activities, his ability to perform beyond expectations. He has experience at corporate, division and facility levels with emphasis in primary metals, fabricated metals, mining, industrial chemicals, refractory, automobile assembly, shipbuilding, as well as retail and warehouse operations.

Mr. McHaney's breadth of expertise covers occupational safety, industrial hygiene, security, fire protection, Workers' Compensation, environmental affairs and health services. He possesses highly developed skills and a proven record of accomplishment in the management of risks to people, property, and in providing expert occupational safety and health assistance for a variety of industries. His accuracy in research of unsafe work practices, conditions, violations of safety standards, coupled with his ability to accurately formulate expert opinions and conclusions are his forte.

CERTIFICATIONS AND DESIGNATIONS

Board of Certified Safety Professionals:
Certified Safety Professional (**CSP**), Serial No. 12482

SKILLS SUMMARY

- CFR-Title 29, Labor Regulations (**OSHA**)
- CFR-Title 30, Mineral Resources (**MSHA**)
- Fire & Electrical Standards/Codes (**NFPA/NEC**)
- Hazard Communication (HazCom) (**OSHA**)
- Hazardous Materials (HazMat) Program
- Safety & Health Training Requirements
- Workers' Compensation & Claims Management
- Facilities Utilization and Management
- Bloodborne Pathogens Requirements
- Lockout/Tagout Requirements

EDUCATIONS

Michigan State University – East Lansing, Michigan
B.S. - Industrial Security, 1964

Ancillary Safety and Health Training and Education

- Accident Prevention, Investigation & Reporting
- MSHA Part 46 (Basic/Annual refresher training)
- MSHA Part 62 (Hearing Conservation)
- Hearing Conservation
- Control of Hazardous Energy (Lockout/Tagout)
- Machine Guarding
- Basic electrical safety
- Safe Operation of Forklifts & Lift Trucks
- Ergonomics and Human Factors in the Workplace
- Confined Space Entry Requirements
- Internal Auditor Training
- Audit Criteria Development
- Internal Audit System Development
- OSHA Recordkeeping
- Workers' Compensation & Claims Management

PROFESSIONAL EXPERIENCE

- 2002 – Present **Americana Safety Associates, LLC – Spokane, Washington**
Senior Forensic Safety Consultant
- Provides occupational safety and health engineering consult services to business and industry for the development of workplace safety plans and programs, and employee safety-training workshops.
 - Provides regulatory compliance and on-site inspection consult services to business and industry to ensure compliance with all applicable federal and state OSHA, MSHA, UBC, ADA and EPA requirements.
 - Provides expert witness and litigation support to trial attorneys as a contract consultant in personal injury and negligence law cases. Areas of specialization include, but are not limited to occupational safety and health, mine safety and health, environmental and industrial hygiene.
- 1998 - Present **Private Practice - Spokane, Washington**
Forensic Safety Consultant
- Safety, health and loss prevention consulting for clients throughout North America, with the emphasis on working with clients to increase the value of the Health and Safety Program within the overall structure of the company.
 - Although McHaney & Associates is capable of providing a wide range of loss control services, our major areas of specialization are employee training, safety program auditing, and expert witness services.
- 1997 - 1998 **Kaiser Aluminum - United States, Europe and Africa**
Corporate Senior Safety Consultant
- Provided safety-consulting services for all facilities within the Kaiser organization (North America, Europe and Africa).
 - Developed, conducted safety training workshops for field safety personnel/managers.
 - Was a permanent member of the Corporate Executive Safety Council and the Corporate Safety Audit Team.
 - Developed Corporate Safety and Health Standards and corresponding Audit Criteria. Chaired the Aluminum Association's Special Task Force for Special Hazards Clothing.
 - Co-authored the Kaiser Aluminum Safety and Health Leadership Process Matrix and its measurement system.
- 1994 - 1997 **Kaiser Aluminum - Primary Aluminum Business Unit**
Safety & Health Manager
- Provided safety and health staff services to the President, Primary Aluminum Business Unit and Smelter Managers in North America, Europe and Africa.
 - Appointed to the International Primary Aluminum Institute Safety Committee and served as Chairman of the Electrical Safety Sub-Committee.
- 1992 - 1994 **Kaiser Aluminum - FRP Business Unit**
Safety & Loss Prevention Consultant
- Provided safety and loss prevention consulting services to the Flat Rolled Products Business Unit
- 1974 - 1992 Various safety and health management positions at Kaiser Aluminum facilities
1972 – 1974 Safety Director, White Pine Copper Company, Copper Range Inc., White Pine, MI
1970 - 1972 Human Resources Manager, Erie Marine Division, Litton Industries, Erie, PA
1968 – 1970 Sr. Industrial Relations Representative, Kaiser Refractories, MI, OH, PA and MD
1966 - 1968 Safety Engineer, Ford Motor Company, Dearborn, MI

PUBLICATIONS

"The Search for Protective Clothing for Workers Exposed to the Hazards of Molten Aluminum and Molten Bath", (R. R. McHaney), Health and Safety in Mining and Metallurgy, 1996.

"It's Time to take a Stance on Compliance to Part 46", (R. R. McHaney and M. A. Copeland), Aggregates Management Magazine, 2000.

"Safety Solution: Conveyor Spillage Prevention", (Ron McHaney), NIOSH, 2002
<http://www.cdc.gov/niosh/mining/topics/machinesafety/equipmentdsgn/conveyorspillage.htm>,

"Safety Solution: Preventing Slide-Backs on Slope Conveyors", (Ron McHaney), NIOSH, 2002
<http://www.cdc.gov/niosh/mining/topics/machinesafety/equipmentdsgn/slidebacks.htm>

"The Advantage of Training for Value", (Ron McHaney), Aggregates Manager, October 2003.

"Beating the Hidden Costs of Safety Training", (Kristi McHaney and Ron McHaney), Aggregates Manager, November/December 2004.

"A Competitive Advantage – Searching for a Champion", (Kristi McHaney and Ron McHaney), Stone, Sand & Gravel Review, January/February 2005.

Patty's Industrial Hygiene, Sixth Edition, Volume 4, Part VIII; Specialty Areas of Practice, Chapter 47; Emergency and Disaster: Preparedness, Response and Recovery, 2011, (Ron McHaney), Section 1.4 "Planned and Unplanned Events"; Section 7.1 "Natural Threats"; Section 7.5 "Civil Unrest, Workplace Violence & Strikes".

PAPER PRESENTATIONS

"A System for Sharing Solutions", (R.R. McHaney, Steve Anderson) paper presented at the 1995 Meeting of the International Primary Aluminum Institute Safety Committee, Paris, France.

"The Search for Protective Clothing for Workers Exposed to the Hazards of Molten Aluminum and Molten Bath", (R. R. McHaney) paper presented at the 1996 Institution of Mining and Metallurgy International Conference on Health and Safety In Mining and Metallurgy, Regent's College, London, England.

"Safety Solutions Network", (R.R. McHaney) paper presented at the 1996 Aluminum Industry Loss prevention Workshop, Orlando Florida.

"Training for Value", (R. R. McHaney and M. A. Copeland), paper presented at the California Mining Association Conference, Sacramento, California, February 13 - 15, 2001.

"Safety Compliance – Are You Really Prepared" (R. R. McHaney) paper presented at the California Precast Concrete Association Conference, Las Vegas, Nevada, November 10, 2006.

KEY ACCOMPLISHMENTS

- Developed and implemented safety processes to reduce annual incident rates from 26% to 57% lower than industry average for various employers in several states and industries.
- Developed and implemented safety and claims management programs and strategies to reduce annual worker's compensation costs. Savings \$500,000/ year (large mining company), Savings \$100,000 / year (manufacturing company), savings \$230,000/ year (manufacturing company) and Savings \$200,000 / year (raw materials company)
- Prevented a Pending Cease & Desist Order within thirty days by improving safety activity and regulatory compliance for a domestic shipbuilder.
- Challenged a State Plan (OSHA) inspection of a manufacturing operation involving 79 citations and nearly \$80,000 in penalties. Obtained an informal settlement reducing the number of citations to 17 and the penalties to \$28,000.
- Improved new hire training for a high turnover employer that reduced injuries among first year employees more than 60%.
- Formulated and developed a training program designed to prevent ground fall fatalities in the mining industry that was adopted by the U.S. Bureau of Mines (Pre MSHA).
- Member of ANSI Z117.1 committee, ANSI Accredited Standards Committee on Confined Space.
- Chaired the Electrical Sub-Committee for the International Primary Aluminum Institute Safety Committee.
- Chaired the Special Task Force for Special Hazards Clothing for the Aluminum Association.
- Hold copyrights for training materials related to training requirements for MSHA Part 46 and MSHA Part 62.
- Worked with NIOSH to develop a format for "Safety Solutions" communication to prevent manual material handling injuries in the mining industry.

PROFESSIONAL AFFILIATIONS

- American Society of Safety Engineers - Professional Member
- Board of Certified Safety Professionals, Certified Safety Professional (C.S.P.)
- ANSI Z117.1 Committee - Safety Requirements for Confined Space

AVAILABILITY

Mr. McHaney is available for nationwide and international assignments through Americana Safety Associates, LLC.