

Greg W. Richey, MS, CIH, CSP, CPEA **Senior Consultant**

Summary of Qualifications

- 40 years delivering hazard assessments, H&S audits, H&S programs, OSHA compliance consulting, and IEQ evaluations and complaint resolution.
- 17 years as a principal of Colden Corporation.
- Managed thousands of hazard-specific IH and safety projects to resolve complaints, answer citations, improve working conditions, and prevent injuries and illnesses.
- Delivered hundreds of health and safety, chemical awareness, and emergency response training sessions.
- Managed more than one thousand indoor environmental quality investigations.
- Designed hundreds of corporate or facility health and safety programs targeting prevention, risk management, and preventive care.

Education

- Temple University
Master of Science, Industrial Hygiene (1979)
- Pennsylvania State University
Bachelor of Science, Fuel Science (1971)

Professional Certifications/Associations

- Certified Industrial Hygienist - Comprehensive Practice (1976) and Indoor Air Quality Subspecialty (1994) - American Board of Industrial Hygiene.
- Certified Safety Professional - Management Aspect, Board of Certified Safety Professionals (1992).
- Certified Professional Environmental Safety and Health Auditor (2004) – Board of Environmental Auditing Certifications
- Fellow, American Industrial Hygiene Association (2012)
- American Industrial Hygiene Association, President Elect 2015, Past President 2002 – Philadelphia Section.
- American Society of Safety Engineers.
- Auditing Round Table.
- American Society of Heating, Refrigerating and Air Conditioning Engineers.

COLDEN CORPORATION

Working out of Colden's Philadelphia headquarters, Mr. Richey provides client management and multidisciplinary consulting in a leadership capacity. Specializes in industrial hygiene and safety consulting to large industrial, commercial, and institutional firms.

Hazard Assessments - Performed more than 10,000 hazard-specific safety and IH assessments nationwide in automobile, metal casting, military, aviation, chemical, radioactive waste, petroleum, educational, network television, glass/ceramics, paper mills, construction, railroad, and food manufacturing.

Health and Safety Audits - Performed hundreds of good-practice and OSHA compliance audits at healthcare and equipment maintenance facilities, automobile parts manufacturing plants, foundries, machining centers, assembly plants, military bases, research centers, and universities. Other types of industries audited include chemical, ceramics, plastics, nuclear waste processing, furniture, apparel, and food manufacturing.

DOE Safety and Health Audits - Served on team with OSHA compliance officers and consultants who performed safety and health audits for 9 National Laboratories under the U.S. Department of Energy, Office of Science.

Occupational Safety and Health Program Development - Prepares occupational safety and health programs, including facility-specific documents on hazard communication, toxic substances (lead, arsenic, etc.), respiratory protection, OSHA laboratory standard compliance, PPE, lockout/tagout, confined-space entry, emergency response, blood borne pathogens, fall protection, ergonomics, industrial noise.

Ergonomics Evaluations - Performs ergonomic risk assessments. Spent 6 months on a project to evaluate ergonomic risk factors at four Air Combat Command Air Force bases that covered virtually all operations at the bases. Performed detailed ergonomics assessments at high-risk operations. Deliverables included control recommendations and cost estimates.

Safety and Industrial Hygiene Training - Prepares and presents program implementation training for employees and management. Training has been provided for all of the programs defined above. Mr. Richey is an active member of the AIHA Communications and Training Committee. As Sub-chair of the Training Evaluation Group, he led in the preparation of a brochure on training evaluation recently published by the AIHA.

Indoor Environmental Quality in Non-manufacturing Facilities - Provides expertise in the evaluation and control of indoor air quality problems in office, commercial, and institutional indoor environments. Leads teams of experts in building ventilation, industrial hygiene, microbiology, architecture, and remediation in resolving serious indoor air quality problems that have impaired employee productivity. Served on the American Industrial Hygiene Association's Indoor Environmental Quality Committee, helping to develop a certification program for industrial hygienists in the field of non-manufacturing indoor air quality.

GALSON CORPORATION

Mr. Richey served as Central New York Safety and Health Consulting Supervisor, Division Supervisor, and Client Services Manager. A wide variety of industrial, commercial, institutional, and government clients were served. Galson Corporation was an environmental health and safety consulting firm employing about 300.

AMOCO CORPORATION (CURRENTLY BP)

Served as staff EHS representative at the Amoco Research Center in Naperville, IL. This facility then employed 1,400. It houses research functions for Corporate Services, Amoco Chemical, and Amoco Oil Company. The site includes a full-service analytical laboratory.

The site is involved in research concerning petroleum refining; chemical synthesis; polymer science; synthetic fuels; traditional fuels and lubricants; microelectronics, and chemical safety.

Examples of tasks Mr. Richey completed at the site included:

- An audit of chemical exposures in all analytical laboratory personnel performing key analyses.
- Served on the site's safety review committee, which considered then safety and health impacts of all proposed research projects.
- Review of reproductive hazards to specific employees as requested by the site physician.
- Investigation of occupational illnesses as requested by the site physician.
- Laboratory safety training.
- Other evaluations involving chemical catalyses, synthetic and traditional fuels pilot operations, fuel and noise exposures during automotive testing, etc.

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

Served as Compliance Safety and Health Officer, Philadelphia Area Office Supervisor and Regional Industrial Hygienist. Performed both field and administrative functions.

- Served many industries, including chemicals, pharmaceuticals, electronics, steel, coke, foundries, heavy, and light manufacturing.
- Attended informal and settlement conferences. Acted in Area Director's capacity in his absence when assigned. Testified in administrative hearings regarding cited occupational hazards.

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES

Provided state consultation and enforcement in a wide variety of industrial settings including chemicals, pharmaceuticals, steel, mines, heavy transportation, electronics, universities, and many others.

Presentations and Publications

Richey, G.W., "A Comparison of Three Methods of Personal Exposure Sampling for Crystalline Free Silica in Pennsylvania Quarries," Presented at the American Industrial Hygiene Association Conference in Miami, FL, 1975.

Richey, G.W., Contributor: *An Industrial Hygienist's Guide to Indoor Air Quality Investigations*, The American Industrial Hygiene Association Technical Committee on Indoor Environmental Quality, 1993.

Richey, G.W., "Resolution of an Indoor Air Quality Crisis in a Department Store," Presented at the AIHA Conference in Salt Lake City, UT, 1994.

Richey, G.W., "Employee Exposures to Respirable Crystalline Silica Dust in Peanut-Processing Facilities," Presented at the AIHA Conference in Anaheim, CA, 1995.

Richey, G.W., "Reduction of Heavy Metals Exposures During Maintenance of Modular Mass Burn Incinerators by Engineering Controls," Presented at the AIHA Conference, Kansas City, MO, 1996.

Richey, G.W., "Evaluation of the Effectiveness of Your Industrial Hygiene and Safety Training Programs," Presented at the AIHA Conference, Toronto, ON, 1999.

Richey, G.W., "Five Hundred Yards from Ground Zero, Coping with the Aftermath of 9/11," Presented at the Campus Safety, Health and Environmental Managers' Assoc., Toronto, ON, 2002.

Richey, G.W., "Psychosocial Factors and Indoor Environmental Quality," Presented to AIHA Philadelphia Local Chapter, Professional Development Course, Wayne, PA, April, 2003.

Richey, G.W., "Measurement of EHS Performance," Presented to AIHA Local Chapter Professional Development Course, Radnor, PA, March 25, 2005.

Richey, G.W., "Contractor Considerations during Health and Safety Audits," Presented at the Auditing Round Table, Bala Cynwyd, PA, June 5, 2014.