



Thomas C. Ouimet, MBA, MPH, CIH, CSP

Principal and Senior Environmental Health & Safety Consultant

Education

- MPH; University of Michigan, Industrial Hygiene
- MBA; University of Connecticut, General Management;
- BS; Springfield College, Chemistry/Biology

Certifications

- Certified Industrial Hygienist (CIH); 1986
- Certified Safety Professional (CSP); 1995

Industrial Hygiene, Safety, & Environmental Services

- EH&S program development
- Compliance and management system audits
- Exposure assessment studies
- Industrial hygiene sampling
- Indoor air quality evaluations
- Workers compensation loss control strategies
- Safety Inspections and accident investigations
- Facility design review

Communication and Training Services

- Computer and web-based training program development
- Training video production
- Training evaluation and needs assessment
- Instructional design
- Classroom training

Research Services & Litigation Support

- Comprehensive literature reviews on health, safety, and environmental topics
- Collection of references, abstracts, and articles
- Summations of published literature
- Preparation of expert reports
- Expert testimony

Mr. Ouimet has been providing professional environmental, health, and safety (EH&S) services to commercial, government, and non-profit clients for over twenty years. He specializes in assisting clients find cost effective solutions to EH&S challenges and improving the technical and management aspects of their EH&S programs. He has experienced first hand the challenge of integrating EH&S programs and concepts into a variety of operations, establishing a safety culture, and finding ways to reduce the cost of EH&S programs while improving their effectiveness. Tom has worked for, or consulted with, a diverse set of clients across North America including, Fortune 500 firms, large academic institutions, hospitals, research centers, construction companies, and defense/plaintiff attorneys. Representative experience includes:

Industrial Hygiene, Safety & Environmental Experience

Working in diverse institutional settings including research laboratories, hospitals, utility plants, chemical and petrochemical plants, as well as manufacturing facilities, Tom has:

- Developed and implemented comprehensive industrial hygiene programs at over fifty locations.
- Evaluated injury and illness rates and formulated policies and procedures to prevent accidents, ergonomic injuries, and control the use of hazardous equipment, processes, and chemical/biological agents.
- Conducted environmental and safety management system audits to assist Senior Management identify and understand how their organization's structure and function impacts EH&S performance.
- Conducted over one hundred compliance audits to determine if facilities conform to EH&S standards and institutional policies.
- Conducted over one hundred indoor air quality investigations and devised successful mold remediated plans including one for a building abandoned for over fifteen years with a leaking roof.
- Developed, implemented, and managed all biological, chemical and physical safety programs and prepared and/or maintained all environmental licenses, records and permits for a major research institution with over 1000 laboratories.
- Served as a Project Manager for environmental remediation projects and conducted large-scale health and safety studies to evaluate employee asbestos and acrylonitrile exposures at sites across North America.
- Reviewed the plans of over 750 million dollars of capital projects to identify safety and ventilation design issues and managed asbestos removal and lead abatement activities at an institution with over three hundred buildings.
- Developed MSDSs, customer product safety information sheets and warning labels.
- Developed a system for integrating digital videography with real time exposure data to assist in evaluating the effectiveness of hand tool controls and visualizing the sources of exposure to highly toxic substances. Video, with integrated exposure data, has also been formatted for use in training.

EH&S Communication and Training

- Evaluated training requirements and devised blended learning approaches that leverage the use of advanced instructional media.



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Professional Affiliations

- American Industrial Hygiene Association
- American Conference of Governmental Industrial Hygienists
- American Society of Safety Engineers

Offices Held

- Councilor - Academy of Industrial Hygiene (2005 to 2008)
- Joint Industrial Hygiene Ethics Education Committee (2005 to 2010)
- American Industrial Hygiene Journal - Editorial Board Member (1998 – 2004)
- AIHA Communication and Training Methods Committee 1999 to present, Chair– 2004
- AIHA Laboratory Safety Committee (1999 – 2004)

About OEHS²

Founded in 1998, Occupational and Environmental Health & Safety Solutions (OEHS²) is an environmental, health and safety consulting and training company dedicated to delivering the highest quality technical services possible while identifying cost effective solutions to each client's EH&S challenges. The founder and principal of OEHS² is Tom Ouimet CIH CSP.

Contact Information

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EH&S Communication and Training (continued)

- Produced short video productions that visually communicate and archive a wide variety of environmental, industrial hygiene, and safety information including workplace exposure assessments, standard operating procedures for high risk tasks and exposure simulations.
- Served as the instructional designer, subject matter expert and program developer for more than a twenty-five web-based training programs, an OSHA etool, and a computer based training simulation funded by the National Institute of Environmental Health Sciences that simulates a hazardous material response.
- Wrote and produced more than two dozen safety training videos on occupational safety environmental, laboratory safety, ergonomic, and new hire safety topics for distribution by the Internet (streaming video) and interactive DVD for OSHA, an insurance company, a professional association, a union and a major research institution.
- Provided customized classroom training on EH&S topics to thousands of participants at client facilities nationwide.

Research Services and Litigation Support

- Performed retrospective asbestos and silica exposure assessments for employees working in the chemical, petrochemical and metals industry.
- Conducted literature reviews and summarized findings on a wide variety of EH&S topics for corporate clients and defense/plaintiff attorneys including: historical occupational exposures and workplace conditions; air sampling methodology and strategy; health and safety labeling and MSDS informational requirements; historical engineering design practice; historical chemical manufacturing processes; and chemical toxicology.
- Wrote expert reports on industrial hygiene and safety related issues and testified at trial.

Recent Professional Presentations and Papers

- November 2010, ASSE NEA, Sturbridge, MA "Creating Web-based Multimedia Training – For Subject Matter Experts".
- October 2010, AIHA-CRV, Hartford, CT "Thinking Differently About EHS Training".
- May 2009, NIEHS - WETP, Cincinnati, OH "Enhancing Training With Video Based Learning Objects". February 2008, ASSE – CRV-AIHA, Hartford, CT "Combustible Dust – How to Identify and Control the Hazard"
- October 2007, PCIH, Louisville, KY "How to Produce Media-Based Training Programs"
- July 2005, Johnson Conference, Burlington, VT "Case Study of Measuring Asbestos at 1% Level in Plaster"
- May 2005, Yale University, New Haven, CT "The Development of an Occupational Standard for Silica – Eight Decades and Still Working"
- May 2004, AIHCE, Atlanta, GA "E-learning Tools for Subject Matter Experts"
- October 2002, NIOSH - Best Practices in Education, Training and Communication, Baltimore, MD "Producing Your Own Video Training Material Using Digital Camcorders and Non-linear Editing Systems"
- September 2002, Yale University, New Haven, CT "Environmental Monitoring in Buildings in Lower Manhattan Following WTC Collapse"
- March 2002, EPA - Environmental Management Systems: The Next Generation, Boston, MA "Environmental Management Systems in Academic Culture"