



CURRICULUM VITAE

Dale W. Walsh, MS, CIH, CSP, LEED® AP, CEM Industrial Hygienist and OSHA Consultant

SUMMARY OF EXPERTISE

- Indoor Environmental Quality Assessments – U.S. and International
- Mold, Asbestos, and Lead-Based Paint Consulting
- Training in Asbestos, HAZWOPER, Mold, Industrial Hygiene, Safety, etc.
- Traditional Industrial Hygiene Services
- Green Building Services and Training
- OSHA and EPA Compliance
- Expert Witness Services
- Fire Code Permitting and Compliance
- Radiation Safety Officer
- Marketing Environmental, Health & Safety Services
- Part-Time Instructor at UNLV and CSN
- Leadership in Professional Organizations

EDUCATION

- **M.S.** Toxicology/Industrial Hygiene, University of Arizona, 1986
- **B.S.** Biochemistry, University of Arizona, 1983

CERTIFICATIONS AND LICENSES

- Certified by the American Board of Industrial Hygiene (ABIH) as a Certified Industrial Hygienist (**CIH**), December 14, 1990, Certificate Number 5077 (current).
- Certified by the Board of Certified Safety Professionals (BCSP) as a Certified Safety Professional (**CSP**), May 18, 1996, Certificate Number 14510 (current).
- Certified by the Green Building Certification Institute (GBCI) as a Leadership Energy and Environmental Design LEED® Accredited Professional (**LEED®AP**) (Legacy)
- Certified by the State of Nevada as a Certified Environmental Manager (**CEM**), January 4, 1995, Certificate Number EM-1215 (current).
- **Licensed** by the State of Nevada as an **Asbestos Abatement Consultant** for Inspector, Management Planner, Project Designer, and Project Monitor, License No. IJPM0402 (current).

PROFESSIONAL EXPERIENCE

2011 – Present **Americana Safety Associates, LLC** - Las Vegas, Nevada
Certified Industrial Hygienist and OSHA Consultant

Mr. Walsh provides expert witness and litigation support to plaintiff and defense trial attorneys as a contract consultant in personal injury and negligence law cases.

Mr. Walsh provides occupational and environmental health and safety services to a wide range of client types from homeowners, businesses, major corporations and federal and municipal governments.

▪ **Practice areas include:**

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|-----------------------------------|---------------------------------------------------------------------------------------------------|
| 1) Safety and Health Training | 6) Expert Witness Testimony |
| 2) Industrial Hygiene | 7) Lead Risk Assessment |
| 3) Indoor Environmental Quality | 8) Hazardous Material (fire department) Permitting |
| 4) Occupational Safety and Health | 9) Green building health and safety issues |
| 5) Environmental Health | 10) Mold and asbestos inspections, management planning, project design, and remediation oversight |

2008 – Present **Private Practice** - Las Vegas, Nevada
Certified Industrial Hygienist

Mr. Walsh has provided occupational and environmental health and safety services to a wide range of client types from homeowners to major corporations including federal and municipal governments.

SPECIALIZED SERVICES – Mr. Walsh has provided specialized services to clients, such as, Hotel/casinos; Heavy manufacturing; R&D facilities; Federal state/county, and city agencies, Utilities; Property managers; Healthcare facilities; Contractors; Homeowners; Banks; Architects; Waste disposal companies; and Attorneys. Specialized services included:

- **Expert Witness** – He has provided specialized expert witness services and reports to plaintiff and defense trial attorneys in cases involving mold, hazardous materials and indoor environmental quality.
- **Assessments** – He has conducted hundreds of mold and asbestos assessments and post abatement verifications including sampling, project design, management programs, and numerous indoor environmental quality assessments. He has also performed the following additional assessments:

Industrial hygiene; Confined space; Noise monitoring; Environmental, health and safety audits; Electromagnetic and radio frequency radiation assessments; Meth lab clearance sampling; Fixed production show hazardous material detector calibration; Risk assessments; Phase I Environmental Site Assessments; Project safety oversight (as a CSP) at a State directed Hazardous Waste Cleanup Site in the Henderson, Nevada area.
- **Trainer** – He has taught various health and safety training courses to clients. They included: 40-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER); 8-Hour HAZWOPER Refresher; 8-Hour HAZWOPER Supervisor; 8-Hour EPA Model Accreditation Plan Compliant Asbestos Supervisor and Inspector, plus 4-Hour Refresher Courses; 16-Hour Asbestos Operations & Maintenance; 2-Hour Asbestos Awareness; Indoor Air Quality, Mold Assessment and Abatement; Hazard Communication; and Respiratory Protection.
- **Corporate Health and Safety Officer (CHSO)** – He has performed the functions of the CHSO which included functioning as a resource for health and safety information. His functions included development and maintenance of a comprehensive written Health and Safety Program. He has also prepared numerous health and safety plans for the remediation of various petroleum and other hazardous material contaminated sites, including Superfund sites.

A list of those clients and their references may be provided upon request.

WORK HISTORY – continued

1992 – Present **Independent Consulting Company** - Las Vegas, Nevada
Certified Industrial Hygiene Consultant

2005 – 2007 **University of Nevada** - Las Vegas, Nevada
Part Time Instructor - Industrial Hygiene course (HPS 480/680) in the Department of Health Physics

2007 – 2009 **College of Southern Nevada** - Las Vegas, Nevada
Part Time Instructor - 40-Hour and 8-Hour HAZWOPER classes, and fungal assessment and control

1990 – 1992 **Dames & Moore**, San Diego, California & Phoenix, Arizona
Senior Industrial Hygienist

Mr. Walsh managed health and safety activities at an uncontrolled hazardous waste remediation site in Louisiana, prepared health and safety plans for various HAZWOPER projects, provided HAZWOPER training, and provided constant health and safety oversight for the removal of underground storage tanks inside an occupied high rise building.

Mr. Walsh was the Office Safety Coordinator and oversaw employee medical surveillance, training, respirator fit testing, maintaining IH equipment & PPE, conducting H&S audits & industrial hygiene monitoring.

Mr. Walsh performed numerous asbestos, radon and indoor air quality assessments including the provision of expert witness testimony regarding indoor air quality.

1989 – 1990 **Chemical Waste Management**, Kettleman City, California
Health and Safety Manager

Mr. Walsh was responsible for the development and implementation of a comprehensive health and safety program at a 200+ employee treatment, storage and disposal facility. His duties included industrial hygiene air monitoring for various hazardous chemicals, noise surveys, accident investigations, emergency planning, employee training, medical surveillance, and workers' compensation.

1986 – 1989 **IT Corporation** – Four (4) Offices in California

Mr. Walsh provided health and safety support for environmental service activities including emergency response to chemical spills, chemical packaging, chemical contamination remediation, asbestos abatement, worker training and hazardous waste disposal facility functions.

Mr. Walsh performed a comprehensive health and safety audit of the Alyeska crude oil pipeline. He conducted various industrial hygiene air monitoring, noise, and ventilation surveys for the Ultramar refinery in Wilmington, CA and noise dosimetry and octave band sound analysis during a Port of Los Angeles construction project. Mr. Walsh conducted numerous indoor air quality investigations and managed numerous asbestos investigations and remediation activities.

TRAINING ATTENDED

▪ **OSHA and EPA Regulation Related Courses**

- ▶ 40-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER) 29 CFR 1910.120 Equivalency Training 1986-87; additional 8-Hour Supervisor, 1991, 24 Hour On-The-Job Training 1986-87; 8-Hour Annual Refresher Training
- ▶ 24-Hour Safety & Health Decision-Making for Managers 29 CFR 1910.120, EPA Course, Las Vegas, NV, 1993.
- ▶ 24-Hour Lead-Based Paint Issues for CIH's 40 CFR 745.226, UC Berkeley Extension, Richmond, CA, 2000
- ▶ 40-Hour Asbestos Contractor/Supervisor Course, UC Berkeley Extension, Richmond, CA, 1988
- ▶ 24-Hour Asbestos Inspector/16-Hour Asbestos Management Planner Courses, Tucson, AZ 1987
- ▶ 8-Hour Project Designer Refresher Course (combined with Contractor/Supervisor gave initial course equivalency), American Environmental Training Institute, Inc., San Diego, CA, 1993; and associated annual Refresher Courses (current) EPA AHERA Regulation 40 CFR Part 763 Subpart E Appendix C
- ▶ 8-Hour Nuclear Gauge Operator Training, Pacific Nuclear Technology Company St. George, UT, 1994 for Radiation Safety Officer requirements under Nevada Radiological Health Section requirements

TRAINING ATTENDED – continued

- **Professional Development Courses (PDCs)**

- ▶ 40-Hour Safety for the Industrial Hygienist, OSHA Course, Wilmington, CA, 1986.
- ▶ 8-Hour Indoor Air Quality and Radon PDC, AIHA Conference, St. Louis, MO, 1989.
- ▶ 24-Hour Indoor Air Quality PDC, AIHA, San Diego, CA, 1991.
- ▶ 24-Hour Risk Assessment - Practical Techniques and Methods PDC, Univ. of Nevada-Las Vegas, Las Vegas, NV, 1994.
- ▶ 24-Hour Orientation to Indoor Air Quality PDC, EPA, Las Vegas, NV, 1993.
- ▶ 8-Hour Cleaning for a Healthy Indoor Environment PDC, University of Tulsa, Las Vegas, NV, 1998.
- ▶ 8-Hour Fungi in the Indoor Environment: Occurrence, Habitats, Physiology, Potential Health Effects, Investigation PDC, AIHA Conference, Anaheim, CA, 2005
- ▶ 8-Hour Fines, Ultra fines, and Nano (FUN) Particles PDC, AIHA Conference, Chicago, IL, 2006
- ▶ 8-Hour Sampling Considerations: Clandestine Methamphetamine “Labs” PDC Professional Conference of Industrial Hygiene, San Jose, CA, 2006
- ▶ 8-Hour Noise Control Engineering PDC, AIHA Conference, Portland, OR, 2011

- **Conferences and Meetings**

- ▶ Attend biannual meeting of ASTM Subcommittee D22.08 Sampling and Analysis of Mold.
- ▶ Periodically attend the American Industrial Hygiene Conference and Exposition (AIHCe)
- ▶ Periodically attend Indoor Air Quality Association Conference, USGBC Greenbuild Conference, and ASSE Annual PDC

PROFESSIONAL ORGANIZATIONS

- **ASTM International** – ASTM Subcommittee D22.08 Sampling and Analysis of Mold. Active member and workshop chair.
- **American Society of Safety Engineers** – 2016-2017 President of Southern Nevada Chapter, Past-President 2008-09 and 1997-98. Chapter Safety Professional of the Year 2008-09.
- **Indoor Air Quality Association** – 2006–2009 Director of the Las Vegas Chapter
- **US Green Building Council** – National corporate member and Nevada Chapter individual member and Director on the Chapter Board of Directors. Also a member of the Programs Committee and Education Committee. Awarded 2012 Individual Winner for Sustainability Advocacy.
- **American Industrial Hygiene Association** - 2000-2004 President of Nevada Section, AIHA Clandestine Labs Working Group, AIHA IEQ Committee, Green Building Working Group (Past Team Leader–Occupant Air Quality Project Team)

PUBLICATIONS & PRESENTATIONS

- **Identification and Characterization of 4-Phenylcyclohexene-An Emission Product from New Carpeting.** Abstract #28 by Van Ert, M.D., J.W. Clayton, C.L. Crabb, and D.W. Walsh from the American Industrial Hygiene Conference, Montreal, Quebec, Canada, May, 1987.
- **Only in Las Vegas: Applying Industrial Hygiene to the Unusual** at the 2006 Professional Conference for Industrial Hygiene (PCIH), San Jose, CA
- **LEED and the Industrial Hygienist: Another Approach to Protect Worker Health** in the *The Synergist* May 2007 - an American Industrial Hygiene Association publication
- **LEED NC and EB Basics and the Industrial Hygienist’s Role** *Professional Development Course* at the 2008 American Industrial Hygiene Conference and Exposition (AIHCe) in Minneapolis, MN
- **The Wrong Emphasis in Building “Green”** in the Indoor Environment Connections newspaper December 2008
- **Fungal Post-Remediation Verification: A Twenty-Five-Year-Old Approach** at the 2010 AIHCe in Denver, CO.
- **Asbestos History and U.S. Regulations: Nobody Said They Had to Make Sense** at the 2010 AIHCe in Denver, CO.
- **Green Building Air Testing: Case Study Comparing TVOC Methods** at the 2010 AIHCe in Denver, CO.
- **Field Effectiveness of HEPA-Equipped Air Filtering (PHEAF) Devices Pi-lot Study** at the 2011 AIHCe in Portland, OR.
- **What’s Normal: Considering Background When Assessing Risk** at the 2011 AIHCe in Portland, OR.
- **Twenty Reasons Your Green Building May Not Have Green Indoor Air** approved for 1.5 continuing education (CE) hours (Approval Number 0090005703) for LEED®AP and GA Credential Maintenance.
- **Addressing the Human Factors in Green Buildings** main author of tri-fold brochure for the American Industrial Hygiene Association Green Building Working Group

PUBLICATIONS & PRESENTATIONS – continued

- As Southern Nevada ASSE President, presented recommendations to the Clark County Commissioners for improving local construction safety at the *Second Southern Nevada Construction Worker Safety Roundtable* on January 28, 2009. Also testified at hearings on safety related bills to the Nevada State Legislature during the 2009 session.
- Various Courses, Seminars, and Presentations made to the Southern Nevada ASSE, Nevada AIHA, NV RIMS, NV ACEC, NV AWMA, NPFMA, NV IF-MA, Southern and Northern CA AIHA, Florida AIHA, Craters of Moon ASSE, NV USGBC, Alaska ASSE, etc.

AVAILABILITY

Mr. Walsh is available for local and regional work assignments through Americana Safety Associates, LLC.

Expert Not Retained