



Mold, Asbestos
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Radon, IAQ
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Expert Witness

CURRICULUM VITAE

Nathan L. Seward, PE, CIH
Principal Engineer/Hygienist



Mr. Nathan Seward is Principal Engineer/Hygienist and owner of Premier Environmental Consulting, a division of Criterion Environmental, Inc. Mr. Seward obtained his Bachelor of Science Degree in Environmental Engineering from Cal Poly San Luis Obispo in 1996. Prior to starting Criterion Environmental in 2002, Mr. Seward provided various environmental engineering and consulting services for numerous overseas air force bases, high security government projects and various commercial/industrial projects. Mr. Seward maintains some of the highest certifications and licenses available in the environmental consulting and industrial hygiene field. Mr. Seward has performed and reviewed over 11,000 environmental projects in his career including mold/bacteria investigations, asbestos/lead paint and other hazardous material inspections, as well as and numerous types of indoor air quality and industrial hygiene investigations. Mr. Seward is also EPA Accredited instructor to teach the EPA Lead Paint Regulation; Renovate, Repair and Painting (RRP) and has trained over 4,000 students throughout EPA Region 9 (California, Arizona, Nevada, Hawaii & Guam).

Mr. Seward is also the owner and National Training Director of The Academy of Textiles & Flooring (The Academy), a prestigious technical and specialized restoration school. The Academy, a Certified-IICRC School with multiple campuses, has been providing training since 1973 in numerous categories within the restoration, inspection and environmental abatement industries. Some of these certification courses currently being offered include but are not limited to: water damage restoration, fire/smoke, mold & sewage cleanup, trauma/crime scene, odor control, various safety classes, carpet & upholstery repair/restoration courses, etc. The Academy maintains a team of instructors and industry experts to provide the classes throughout the western United States. Mr. Seward is an IICRC approved instructor for WRT (Water Restoration Technician) class and the AMRT (Applied Microbial Remediation Technician) certification class.

REGISTRATIONS / CERTIFICATIONS:

Professional Engineer, Mechanical Engineering (No. M31978)

*Board of Professional Engineers and Land Surveyors
State of California Department of Consumer Affairs*

Certified Industrial Hygienist (9582 CP)

American Board of Industrial Hygiene

State of California Contractors License (#906414; C-20 HVAC)

IICRC Certifications: Water Damage Restoration (WRT), Applied Microbial



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Remediation (AMRT), Fire & Smoke Restoration (FSRT), Carpet Cleaning, Applied Structural Drying (ASD).

Previously held licenses

Council-Certified Indoor Environmental Consultant (CIEC; Expired)

American Indoor Air Quality Council

The Council-Certified Indoor Environmental Consultant (CIEC) is the only IAQ-specific certification accredited by the CESB, the Council for Engineering and Scientific Specialty Boards. Certification requires a minimum of 8 years of post secondary-science education and documented IAQ related field experience.

Certified Asbestos Consultant (CAC # 08-4387; Expired)

State of California –Division of Occupational Safety and Health

Certification is authorized by Sections 7180 of California Business and Professions Code

California Certified Lead Inspector/Assessor (LRCIA #13636; Expired)

California Department of Health Service

Certified Indoor Air Quality Professional (CIAQP; Expired)

Association of Energy Engineers (AEE)

Certification is designated by the AEE based on a science or engineering degree, a minimum of 3 years of IAQ experience and completion of a 3-day course with closed book examination.

Certificate, Hazardous Materials Management Program

University of California Los Angeles

Energy Building Analyst Professional (BPI Certified)

EDUCATION:

California Polytechnic State University, San Luis Obispo, CA

Bachelor's of Science Degree, Environmental Engineering - 1996

University of California Los Angeles

Certificate in Hazardous Materials Management - 1999

Course work included: Principals of Hazardous Materials Management; Environmental Toxicology; Interpretation of Environmental Data; Regulatory Framework for Toxic and Hazardous Substances; Technologies for Management and Reduction of Hazardous Materials and Waste; Air Pollution and Toxic Chemicals; Environmental Law; and Groundwater Hydrology - Monitoring, Protection and Clean-up.



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University of California Los Angeles
Sequential Program in HVAC Design HVAC Controls, Fall 2001

Ventura Community College, Construction Management Program
Construction Business Management, Spring 2002

EMPLOYMENT HISTORY:

Criterion Environmental Inc., Ventura, California
Principal Engineer/President (January, 2002 to present)
Job Description: Manages, supervises and conducts microbial assessments including field operations, evaluation of analytical data, report preparation and review, quality control and quality assurance, client relations, marketing, administration and business development.

Academy of Textiles & Flooring, Anaheim/Ventura, California
Director of Training (2013-present)
Job Description: Manages and oversees all training classes at both training campuses. In addition, is providing IICRC certification classes for water damage and mold remediation (WRT & AMRT).

West Coast Environmental and Engineering, Ventura, California
Senior Staff Engineer (July 1998 to December, 2001)
Job Description: Supervised and performed over 300 microbial assessments for various clients throughout southern California. Conducted numerous Phase I & II assessments for properties contaminated with environmental pollutants including mold, bacteria, petroleum hydrocarbons, toxic metals and similar contaminants. Helped prepare the health and safety program and managed numerous environmental regulatory compliance issues for two large sand and gravel quarries (CEMEX).

Earth Tech, Colton, CA
Staff Engineer (January 1997 to June, 1998)
Job Description: Designed and developed methodologies for soil and air sampling from an explosion test site at Edwards AFB. Prepared the analysis of transportation, utility, and infrastructure systems at five US air force bases including March AFB, Reese AFB, Cape Canaveral AS and supported the methodology, development and field data collection for EPA-17 toxic chemicals at four overseas air force bases.



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PROFESSIONAL TRAINING & SEMINARS:

Mold Remediation in Buildings (Advanced Technical Seminar)

Environmental Testing & Technology, Issued 2000 (Peter Sierck)

Two day interactive workshop covering mold remediation in buildings including case studies and actual containment erection training. Guest speakers included an attorney and microbiologist.

40-hr Hazardous Materials/Waste Site Workers and 8-hr Supervisor Course

Meeting the requirements of Federal OSHA (Title 29 CFR 1910.120) and Cal-OSHA (Title 8 CCR 5192). Course work included guidelines for Hazardous Waste Operations and Emergency Response (HAZWOPER), confined space entry, hydrogen sulfide, lockout/tagout, and DOT requirements (Title 49 CFR Part 172). Training is current with original course completed in Winter, 1997, with annual refreshers thereafter.

Real Estate/Property Management Seminars 2002-2012

I have been the guest speaker as the mold consultant/testing expert for numerous real estate offices, commercial companies and property management companies.

Strategies for Conducting Meaningful Microbial IAQ Investigations, 2002

American Indoor Air Quality Council (AMIAQC)

Two day dynamic interactive workshop covering numerous microbial topics including: basic mold sampling techniques, advanced sampling techniques, ventilation, sampling strategies, media collection, health effects, data interpretation, case studies and many others. References taken from the EPA, NIOSH, CDC, NYC, CA, AIHA, ACGIH ASHRAE and Canada documents.

Indoor Air Quality Association – Irvine Chapter, 2003

Guest speaker at the IAQA Irvine chapter regarding the importance of crawlspace ventilation.

Various Training Classes and Programs

Over the past 13 years of my professional career, I have attended a number of training programs, workshops, classes and seminars in the following areas: IAQ investigations, mold remediation, environmental site assessments, health risk assessments, hazard communication, emergency response and a number of similar courses.



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PROJECT EXPERIENCE:

Professional consulting services have been provided to the following clients:

Legal Firms
Insurance Companies
School Districts
Homeowner's Associations
Developers
General Contractors
Government

AFFILIATIONS:

American Indoor Air Quality Council
Association of Energy Engineers
American Industrial Hygiene Association, Full member
Academy of Environmental Engineers