

Michael Karl McNeil, REP, RIH, EPP, QSD

Principal Consultant, McNeil Safety Consulting

Industrial Hygiene | Environmental Health & Safety | Forensic & Expert Consulting

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PROFILE

Independent environmental health and safety consultant and industrial hygienist, in occupational health and safety since 1989. Former Fire Battalion Chief with twenty-five years in the fire service. Principal of McNeil Safety Consulting since 2005, serving construction, manufacturing, healthcare, energy, mining, and film and television clients in California and nationwide across the lower 48 states. Every site visit, sample, report and hearing appearance is handled personally. Nothing is subcontracted.

AREAS OF EXPERT CONSULTATION

- Cal/OSHA (Title 8) and federal OSHA (29 CFR Parts 1910 and 1926) compliance and citation matters
- Machine guarding, lockout/tagout and powered equipment
- Fall protection, ladders and scaffolds
- Confined space entry
- Construction safety and multi-employer worksites
- Industrial hygiene exposure assessment: air contaminants, noise, silica, lead, asbestos, mold and heat
- Hazardous materials management and emergency response
- Workplace injury and fatality investigation
- Stormwater pollution prevention plan preparation and compliance inspection

PROFESSIONAL EXPERIENCE

McNeil Safety Consulting, San Gabriel, California | Principal Consultant, Industrial Hygiene and Safety | 2005 to present

- Retained as a consulting and testifying safety expert by defense counsel in machine injury, powered equipment and premises safety litigation.
- Represents employers in Cal/OSHA citation matters, from the pre-citation response through Appeals Board hearing, as a non-attorney representative.
- Exposure assessment and sampling for air contaminants, noise, lead, silica, asbestos and mold.
- Written programs: Injury and Illness Prevention Programs, site-specific safety plans, health and safety plans, respiratory protection, hearing conservation, lockout/tagout, confined space entry, heat illness prevention and process safety management.
- Hazardous materials business plans and CERS filings, air district reporting, and stormwater pollution prevention plan preparation and compliance inspection.
- Accident and incident investigation to root cause.
- Health and safety consultant on network television production during the COVID-19 period, with zero cases recorded on set.

Utility-scale energy projects | Environmental health and safety | California, Washington, Colorado and New Mexico

- Environmental health and safety work on battery energy storage and solar generation projects, on the construction and commissioning side. Employer and project names are withheld.

Fire service | Fire Battalion Chief, Fire Prevention (federal fire)

- Twenty-five years in the fire service, advancing from Fire Prevention Captain to Fire Battalion Chief.
- Hazardous materials management and site cleanup, incident command, and coordination of fire prevention programs.
- Qualifications under the NWCG and California State Fire Marshal (CSFM) systems. Federal law enforcement training at FLETC.

REGISTRATIONS AND QUALIFICATIONS

- Registered Environmental Professional (REP), conferred 25 August 2021, registrant no. 14638023561210825
- Registered Industrial Hygienist (RIH), conferred 19 March 2024, registrant no. 14638029794240319
- Emergency Planning Professional (EPP), conferred 8 January 2025, registrant no. 14638029794240319
- Qualified SWPPP Developer (QSD), active registration with the State Water Resources Control Board through SMARTS
- Registered Specialist: Exposure Decision Analysis, AIHA Registry Programs, ID 288375, registered October 2026
- Qualified Preparer of Stormwater Pollution Prevention Plans and Qualified Compliance Inspector of Stormwater (StormwaterONE), valid to 24 February 2028
- Hazardous Materials Manager, Hazardous Materials Specialist and Hazardous Materials Incident Commander
- EMT-II (California) and Certified Tactical Medic
- BLS and ACLS provider, issued 18 August 2026

The registrant number is assigned to the registrant, not to each certificate, which is why the RIH and EPP carry the same number.

TRAINING AND COURSE RECORDS

- HAZWOPER, 40 hours, completed 21 October 2020
- Hazardous Materials Scene Management: Incident Commander, 24 hours, completed 21 October 1993
- First Responder Operations, 29 CFR 1910.120(q)(6)(ii), completed 20 April 2004
- Occupational Safety and Health Administration 30-hour course, completed 24 July 2017
- Basic Inspector Course, National Enforcement Training Institute, U.S. Environmental Protection Agency, 11 February 2007
- Watershed Management, U.S. EPA Watershed Academy, fifteen modules, 6 August 2007
- Introduction to Clandestine Laboratory Investigations, 16 hours, 15 June 2003; clandestine laboratory recertification, most recently 8 March 2024
- Fentanyl safety and naloxone first aid, October 2025
- Tactical medicine continuing education, 2024 and 2025
- Advanced Topics on Medical Defense Against Biological and Chemical Agents, six modules, 12 contact hours, 2002 to 2003
- COVID-19 Training for California Employers, Cal/OSHA Training Academy, 1 February 2021
- COVID Compliance for Live Events, completed 27 April 2021
- Foundations of Environmental Death Investigations (Missouri POST Control No. 31578; ABMDI 26-117)
- Environmental Asphyxiation and Entrapment Deaths (Missouri POST Control No. 31574; ABMDI 26-116)

- Investigation and Certification of Drug Toxicity Deaths (CDC TRAIN WB4884)

PROFESSIONAL MEMBERSHIPS

- American College of Occupational and Environmental Medicine (ACOEM)
- American Industrial Hygiene Association (AIHA), including the Southern California local section
- American Conference of Governmental Industrial Hygienists (ACGIH)
- National Association of Fire Investigators (NAFI), including its California section
- Federal Law Enforcement Officers Association (FLEOA)
- North American Hazardous Materials Management Association (NAHMMA)
- National Fire Protection Association (NFPA), Research Section, member since February 2001
- International Society of Safety Professionals (ISSP), Level 5 - Distinguished Safety Professional
- Management and Strategy Institute (MSI): Corporate Leadership Certified; Senior Fellow, Business Leadership Council

PUBLICATIONS AND PROFESSIONAL WRITING

- Contributor, Journal of Occupational and Environmental Medicine (JOEM); reviewer for the American College of Occupational and Environmental Medicine.
- Contributor to ACOEM public comments to the U.S. Nuclear Regulatory Commission, Dockets NRC-2025-1140 and NRC-2025-1237, August 2026.
- Regular writing on Cal/OSHA compliance, industrial hygiene and hazardous materials at mcneilsafetyconsulting.com/blog.

RECOGNITION

- Certificate of Congressional Recognition, U.S. House of Representatives, 2024
- Certificate of Appreciation, 1st Reconnaissance Battalion, United States Marine Corps, 2008
- Certificates of Merit, federal fire agency, 2005 and 2006: hazardous materials management and site cleanup, and coordination of fire prevention programs
- Fire service awards for service above and beyond, 1999 through 2002
- Certificate of Special Congressional Recognition, U.S. House of Representatives, 2001
- American Red Cross award for service in teaching, 1996