

DEBORAH ALDERINK, CIH, RN

## OCCUPATIONAL SAFETY & HEALTH MANAGER

Deb is a Certified Industrial Hygienist responsible for industrial hygiene, indoor air quality and training services. She routinely develops, conducts, and/or manages comprehensive industrial hygiene surveys and comprehensive indoor air quality assessments. Industrial hygiene surveys and assessments include determining employee exposures to a wide variety of potential health and physical hazards including airborne contaminants such as dust, (silica, combustible, and particulates not otherwise regulated), chemicals, metals, bloodborne and airborne pathogens (such as TB and Legionella sp.), noise, radiation (e.g., electromagnetic), and heat stress. She also provides workable recommendations for control, conducts process safety management (chlorine and anhydrous ammonia) audits, develops Safety Data Sheets, conducts comprehensive occupational safety and health audits, and provides specific written workable procedures and policies for total compliance.

Indoor air quality assessments include ventilation effectiveness, determining sources of occupants reports of adverse health effects, determining and/or verifying decomposition of building materials, biological contamination, etc. As a HAZMAT technician, specialist, and on-scene incident commander, she has responded or managed the response to uncontrolled releases of hazardous materials, including anhydrous ammonia, formaldehyde, chlorine, and jet fuel/kerosene due to a helicopter crash.

Additionally, Deb routinely provides employee education and training courses for HAZWOPER site worker and supervisor, HAZMAT response (all five levels), and OSHA and USDOT regulatory compliance. OSHA compliance courses include hazard communication/globally harmonized system GHS0, personal protective equipment (PPE), (including PPE hazard assessments for certification), respiratory protection (air purifying as well as atmosphere supplying), hearing conservation, confined space entry and non-entry rescue, combustible dust, asbestos awareness, control of hazardous energy, bloodborne and airborne pathogens, and fall protection. Chemical specific standard training has also been provided for arsenic, formaldehyde, hexavalent chromium, isocyanates, ethylene oxide, and anhydrous ammonia. USDOT Hazardous Materials Transportation includes general awareness, familiarization, function-specific, safety, and security.