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CHARLES D. LEONARD, CIH, RSO
Certified Industrial Hygienist

Mr. Leonard has over 30-years experience in industrial production, environmental regulatory compliance, quality control, and product and process development. He has developed and directed IH programs including chemical hygiene plans, radiation safety, risk hazard assessments and PSM. His IH experience with industrial air, water and waste regulatory compliance is an asset to EHQS.

Education	Principal Areas of Expertise
<p>Louisiana State University BS, Chemistry, Life Science (Microbiology) 1974 – 1979</p> <p>Current Certifications</p> <ul style="list-style-type: none"> • Certified Industrial Hygienist • Lead Inspector (LA) • Lead Risk Assessor (LA) • Asbestos Project Designer (LA) • ISO-9001/ISO-17025 Assessor • RSO <p>Professional Affiliations</p> <ul style="list-style-type: none"> • AIHA • ASTM • ACS • Association of Consulting Chemists and Chemical Engineers • Society for Chemical Hazard Communication (SCHC) <p>Community Service</p> <ul style="list-style-type: none"> • Southeastern Louisiana University OSH&E Advisory Committee member, 2011-present. • President, Pleasant Ridge Townhome Association • Past President, AIHA Deep South Section. • Webmaster, Association of Consulting Chemists and Chemical Engineers www.chemconsult.org 	<p>Industrial Hygiene</p> <ul style="list-style-type: none"> ➤ GHS-Compliant Safety Data Sheets and data sheet conversion for chemical manufacturers and formulators. ➤ Industrial Hygiene exposure assessments including asbestos, lead, crystalline silica and hazardous dust, microbial and mold assessments, organic chemicals, noise and ventilation surveys, PPE assessments, asbestos project designing, lead based paint risk assessments and OSHA Lab Standards. ➤ Quality Assurance & Process Control: ISO-9000 process and ISO-17025 lab quality systems consulting and internal audits. Multivariate process control and process improvement using multivariate DOE. ➤ Process Safety Analysis & HAZOP, OSHA Hazard Communication, Chemical Hygiene Plans, radiation safety audits and NORM survey. ➤ Building Science: LEED Green Building & ventilation system assessments. Chinese drywall assessments per CPSC and the US District Court PTO-13A protocol. Energy assessments. ➤ Air & water compliance, Industrial Hygiene, LEED "Green Building" assessments, application of statistical tools to process optimization, radiation safety & lead-based paint <p>Accomplishments Include:</p> <ul style="list-style-type: none"> ➤ Managed Pilot Plant production and maintenance resulting in \$5 MM product contribution margin and over \$1 MM raw material savings. ➤ Managed up to 35 employees in production and environmental regulatory compliance laboratories, product & process development, quality control and process chemistry for a multi-product chemical plant. ➤ Coordinated REACH preregistration for products sold to the European Union and authored associated GHS-based Safety Data Sheets. ➤ Experienced with air, water and waste regulatory compliance. ➤ Developed and directed ISO-9000 Quality System and Industrial Hygiene programs.