

**Robert F. Adams, P.E., CIH**

**Consulting Chemical Engineer and  
Industrial Hygienist**



## **AREAS of EXPERTISE**

Chemical and Environmental Engineering, Industrial Hygiene, Safety

## **SUMMARY of EXPERIENCE**

Mr. Adams has 47 years of applied experience in chemical research and analysis; air and water emission environmental compliance, monitoring, and permitting; industrial hygiene; and safety.

## **EDUCATION and TECHNICAL COURSES**

Graduate Work in Organic Chemistry - University of Pittsburgh

B.S. - Chemistry - Geneva College

Multiple professional development and continuing education technical courses including courses in asbestos, mercury, chlorine, vinyl chloride, chlorinated dioxins and furans, hazardous waste management, heat stress, industrial hygiene, and environmental sampling and analysis.

## **CERTIFICATIONS and REGISTRATIONS**

Registered Professional Engineer (Sanitary Engineering) - Texas (License Number 39609)

Certified Industrial Hygienist #1125 (American Board of Industrial Hygiene)

Registered Occupational Hygienist #362 (Canadian Board of Registration for Occupational Hygienists)

Certified Safety Professional #10771 (Board of Certified Safety Professionals)

## **PROFESSIONAL MEMBERSHIPS and ASSOCIATIONS**

Diplomat status in the American Board of Industrial Hygiene (ABIH)

Former Chairperson for the Mercury Task Group in the Chlorine Institute

Member of the American Industrial Hygiene Association (AIHA)

Member of the American Association for the Advancement of Science (AAAS)

## **PROFESSIONAL POSITIONS**

Acute Engineering, Inc. - Consultant

R.F. Adams & Associates, Inc. - President

Occidental Chemical Corp. - Corporate Industrial Hygiene Manager

Occidental Chemical Corp. - Senior Industrial Hygienist

Diamond Shamrock Chemicals Co. - Gulf Coast Area Industrial Hygienist

Diamond Shamrock Chemicals - Senior Environmental Engineer

Diamond Shamrock Chemicals - Environmental Laboratory Supervisor

Diamond Alkali Co. - Acetylene-Ammonia Lab Supervisor

Diamond Alkali Co. - Research Chemist

## **MAJOR PROJECTS and RESEARCH**

*A Novel Synthesis of Polyacetylenes, Journal of the American Chemical Society*

*A Characterization of Occupational Static Magnetic Field Exposures at a Diaphragm-cell and a Mercury-cell Chlor-Alkali Facility, Applied Environmental and Occupational Hygiene*

Nine (9) U.S. Patents Granted