

**LESLIE C. REED**  
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Leslie Reed has been in the safety and occupational health profession for over twenty-five years. The founder and CEO of Reed Environmental, Inc. (1989), Ms. Reed provides comprehensive safety, occupational hygiene and environmental consulting in the manufacturing, service and construction industries. The company also provides expert witness services for legal cases involving workplace injuries and illnesses.

Technical projects completed by the firm include chemical exposure assessment monitoring; noise and radiation monitoring and mitigation ventilation studies; medical epidemiology reviews; process safety analyses; environmental process assessments; and indoor air quality surveys.

Ms. Reed taught industrial hygiene at both the graduate and undergraduate level at the University of Wisconsin at Whitewater and is a frequent lecturer for local industries, universities and business organizations. She has worked as a safety engineer in the pharmaceutical industry; a material and process engineer in the electronics industry; a director of safety and health in the metalworking industry; and as a senior compliance officer for the U.S. Department of Labor- OSHA.

Ms. Reed received a BS degree in Occupational Safety and Health with a chemistry emphasis from the University of Wisconsin at Whitewater; an MS degree in Industrial Management from Northern Illinois University; and a PhD in Technology from Purdue University. She was Board Certified by the American Board of Certified Safety Professionals (ret.) and the American Board of Industrial Hygiene (ret).

## **EMPLOYMENT HISTORY**

### **Chief Executive Officer, Reed Environmental, Inc.**

Ms. Reed is the senior researcher and CEO for Reed Environmental, Inc., an industrial hygiene, safety and environmental consulting firm that provides OSHA compliance auditing, employee training, and the development of comprehensive safety and environmental programs for small businesses.

Ms. Reed specializes in the development and implementation of sampling plans and protocols for the quantification of exposure to chemical contaminants, noise, bio-aerosols and radiation exposures in a variety of work settings. All projects include an evaluation of potential exposure controls through local exhaust improvements, process redesign and/or product replacement.

Ms. Reed also routinely performs epidemiology reviews, site-specific program development and training assistance in safety, industrial hygiene and environmental practices. Medical case review and expert witness services are also provided to a broad array of industries.

**University of Wisconsin-Whitewater, Department of Safety Studies**

Ms. Reed taught three courses in industrial hygiene and industrial hygiene instrumentation at the graduate and undergraduate levels at the University of Wisconsin-Whitewater, School of Education, Department of Safety Studies.

**U.S. Department of Labor-OSHA, North Aurora Area Office, Senior Field Compliance Officer**

Ms. Reed conducted inspections and performed industrial hygiene monitoring as an industrial hygienist for OSHA in North Aurora, Illinois. She evaluated general safety and health programs in industry and construction to determine compliance with Federal safety and health standards. She assisted in on-the-job training of new compliance officers and served as team leader on inspection teams

**Rockford Products Corporation, Director of Corporate Safety and Health**

Ms. Reed developed and implemented plant safety and health programs for this secondary metals facility. She supervised the Plant Medical Department and directed the activities of the Plant Emergency Teams and the Fire Brigade, and assisted in the development of Pollution Control/EPA compliance efforts.

**Zenith Radio Corporation, Material and Process Engineering Technician**

Ms. Reed participated in the evaluation of polymeric materials including molded plastics, epoxies, and adhesives, solder and varnish systems as used in the electronics industry. She assisted in the design of product and equipment safety features in prototype and large-scale manufacturing operations.

**Abbott Laboratories, North Chicago, IL, Safety Engineer**

Ms. Reed assisted in the development and implementation of safety and industrial hygiene programs for the Corporate Engineering Division. She also managed the employee safety suggestion system; performed routine industrial hygiene monitoring; assisted with the publication of the corporate safety newsletter; and provided miscellaneous support services to the Division.

**CERTIFICATIONS AND LICENSES**

- Board Certified by the Board of Certified Safety Professionals (Ret.)
- Board Certified in Comprehensive Practice by the American Board of Industrial Hygiene (Ret.)

## **EDUCATION**

- Bachelor of Science, University of Wisconsin- Whitewater; Department of Safety Studies. Major: Occupational Safety and Health Management. Minor: Chemistry.
- Master of Science, Northern Illinois University; Department of Engineering and Engineering Technology. Major: Industrial Management.
- Doctor of Philosophy, Purdue University; College of Technology, Department of Technology Leadership and Innovation.

## **LECTURES AND PUBLICATIONS**

“Ultrafine Particulate Monitoring in Rubber Processing”, NIOSH Pilot Research Project Symposium, University of Cincinnati, Cincinnati, OH.

“Case Studies in Indoor Air Quality”, Lorman Educational Services, Lafayette, Indiana.

“Occupational Health Regulations”, American Academy of Physicians Assistants, Annual Conference, Chicago, IL.

“OSHA Permissible Exposure Limits: Why Compliance Is Not Enough”, National Safety Council’s Annual Congress and Exhibition, New Orleans, LA.

“OSHA Compliance for Small Businesses”, Industrial Safety Day Conference and Exhibition, Sauk Valley College, Dixon, IL.

“Interpreting the New OSHA Respirator Standard”, joint project with United Samaritans Health Center, Department of Occupational Medicine.

"Occupational Safety and Health Legislative Update", Danville Area Chamber of Commerce, Danville, IL.

"Industrial Hygiene Beyond 2000", AIHA-sponsored Community Education Programs, Vermilion County, Illinois.

"Industrial Hygiene in the Construction Trades", OSHA Training Institute, Des Plaines, IL.

"Industrial Hygiene in a Hospital Environment", Delnor Community Health Systems, Occupational Nurses Association, Batavia, IL.

"Guidelines for Infection Control, Waste Disposal and Hazardous Materials in Dental Facilities", Illinois State Dental Society, Aurora, IL.

"Industrial Hygiene Field Sampling Techniques", Northern Illinois University, Department of Engineering and Engineering Technology, Dekalb, IL.

"Hazard Communication Labeling Requirements in the Lubrication Industry", American Society of Tribologists and Lubrication Engineers - Lubrication Fundamentals for Manufacturing Efficiency Seminar.

"Chemical Toxicology in Industrial Fire-Fighting", West Suburban Firefighters Association, Itasca, IL.

"Creative Capabilities in Technological Design". Doctoral dissertation, Purdue University, West Lafayette, Indiana. Published in Dissertation Abstracts International.

"Exploring Creative Capabilities in Technological Design". Presentation and publication in the conference proceedings of the American Society for Engineering Education (ASEE) Annual Conference, Vancouver, British Columbia.

"Improving Innovation by Enhancing Creative Capabilities in Electrical and Computer Engineering Technology". Presentation and publication in the conference proceedings of the American Society for Engineering Education (ASEE) Annual Conference, Louisville, KY.

"Integrating ECET39600-Project Development and Management into the Certificate in Entrepreneurship and Innovation". Certificate in entrepreneurship and innovation curriculum development grant.