

**Lawrence S. McDermott, CIH**  
1860 Weston Hills Drive, Cleveland, TN 37312  
(O) 423-780-8297(C) 423-829-7194

### **Skills Summary**

- Certified Industrial Hygienist with over two decades of experience with all industrial hygiene rubrics.
- Multi industry and multi state experience provides expertise to evaluate compliance issues from multiple viewpoints and jurisdictional compliance interpretations.
- Comprehensive EHS skill set including industrial hygiene, safety, PSM, emergency response (HazMat, Firefighting, WMD, site security), hazardous waste management, Title V compliance, NPDES compliance and other areas of environmental management.

### **Employment**

Safety and Security Manager – Wacker Polysilicon North America, Charleston, TN

October 2014 – Present

- Manage a comprehensive safety and security department at a state of the art green field hyperpure polysilicon production facility with over 700 employees and 300 contractors.
- Manage a staff of 3 professionals, 4 Security Specialist and a contract security force.
- Transitioned the safety and security program from a construction site to an operating production facility.
- Implementing full featured safety department including PSM, industrial hygiene and contractor safety programs.
- Cultured a safety program in a short time frame to maintain a TRI rate of below 1.
- Implemented site industrial hygiene program.

Environmental Health & Safety Manager - Arizona Chemical, Panama City, FL

Jan 2011 – October 2014

- Direct the environmental health, safety and security programs at the 200 man Panama City Florida Tall Oil/ Terpene Refinery and the resin production facility in Pensacola Florida.
- Manage a staff of 5 and manage a 1.9 million dollar annual budget.
- Facilitated combustible dust remediation program at both Florida locations.
- Panama City Plant has not incurred a lost time injury during my tenure and has maintained an annual TIR of less than 1.0.

Manager EHS & Quality Processes – FUJIFILM Hunt Chemicals USA, Dayton, TN

May 2002 – Dec 2010

- Facilitate a comprehensive environmental health and safety program (including PSM, industrial hygiene and training) and ISO programs (9001 and 14001) for a \$35 million dollar a year specialty organic chemical and photographic chemical production facility.
- Manage a staff of five and a 2 million dollar annual budget.
- Initiated a hazardous waste cost control and treatment program resulting in an annual savings of \$900,000 per year.
- Guided facility to achieving ISO 14001 certification

Safety Officer – City of Dayton, TN Fire Department

Nov 2008 – Dec 2010

- Combination full time/volunteer department
- Assist in the implementation and provide technical oversight of the Department's occupational safety and health program
- Served as incident safety officer.

EHS Manager - Cedar Chemical Corporation, Helena, AR

Jan 2000 to May 2002

- Lead a multidiscipline team of eight managing safety, Industrial Hygiene, PSM, and environmental (NPDES, RCRA, Air) activities at this organic chemical production facility. Primary production was herbicides and fine chemicals.
- Initiated a hazardous waste cost control and treatment program resulting in an annual savings of over \$700,000 per year.
- Facilitated the removal and disposal of hazardous chemicals and waste and decommissioning of equipment at the facility following its closure in March 2002

EHS Engineer – Imerys

Oct 1996 – Dec 1999

- Managed the environmental and industrial hygiene programs for the 500-employee 1500-acre Alabama calcium carbonate mining and processing facility.
- Provided EHS support to two facilities (Maryland and Tennessee) following their acquisition by the corporation.
- Served as company Industrial Hygienist at Corporation locations in the US
- Developed revised mine ventilation plan.
- Obtained certification as a MSHA training instructor

Safety and Health Specialist - Environmental Management & Engineering, Birmingham, AL 1995 to 1996

- Served as Safety/Industrial Hygiene consultant for EME, which was a small environmental consulting firm who served several large clients in heavy industry
- Performed industrial hygiene and safety audits at 14 industrial facilities through out the east coast and presented completed audit packages to client with in the set 20 week time constraint.
- Managed a major facility demolition project that included asbestos removal and PCB management

Director Environmental Health & Safety - LSU Medical Center – New Orleans, LA

1990 – 1995

- Promoted from Assistant Director to Director of the EH&S Department for the entire multi-site 2500 employee medical center.
- Supervised a staff of five and managed a \$450,000 budget.
- Administered the Right to Know, emergency response, industrial hygiene, biological safety, chemical and radiation safety programs
- Managed all asbestos removal and renovation projects performed at the medical center

MAJOR, US Army Chemical Corp (Retired) US Army Reserve

1985 – 2007

Twenty two year career include assignments to include Chemical Battalion S3 (Operations Officer), Headquarters Commandant, Training Observer/Controller, Chemical team chief, Hazardous Cargo Officer, Group chemical officer and Decontamination Platoon Leader

EDUCATION

B.S. in Natural Science (Biology/Chemistry)

University of Alabama at Birmingham

Graduate course work in environmental health sciences; sixteen hours completed at:

- Tulane University School of Public Health
- University of Alabama at Birmingham School of Public Health

Certifications

- NFPA 472 – Pro Board Certified Hazardous Materials Technician.
- Certified Industrial Hygienist (CIH), American Board of Industrial Hygiene, CP 10571