



## Company profile

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# Introduction

ALMED, Advanced Environmental Services, and SEEML are a joint partnership of professional consulting and training companies with more than 130 years of combined experience in the fields of indoor air quality, health and safety, building analysis, and IAQ guidelines. Our team members include:

- A chemical engineer,
- Certified industrial hygienists,
- A building and HVAC engineer,
- A microbiologist,
- A certified indoor environmentalist, and
- A certified safety professional.

These partners have completed projects for companies including 3M, EMAAR, Samsung, and Bank of America; government agencies including U.S. Homeland Security, the City of Atlanta, the City of Charlotte, and the City of Greenville; educational facilities including Clemson University, Furman University, and Greenville County Schools; and hospitals, including the Greenville Hospital System. Projects have ranged in cost from \$50,000 to \$15 million.

**Our mission** is to provide the highest quality training and consultancy services to improve indoor environments for people worldwide.

## Services

### 1. Indoor air quality (IAQ) assessment and mitigation planning For

- Chemicals
- Volatile organic compounds and MVOCs
- Biological
- Asbestos
- Lead
- Dust
- Building analysis and mitigation planning
- IAQ guideline creation
- Training of personnel to assess, confirms, and remediates IAQ problems

## 2. Occupational Health and Safety Consultation:

- COSHH Environmental Inventory (EHSMS) Due Diligence
- Emergency management and crisis plan
- JHA
- Environmental site assessment-phase one, two and three
- EHS Gap Analysis
- Environmental Risks and Impact Studies
- Environmental Health and Safety Risk Assessment
- Industrial Hygiene (COSHH, Noise, Etc.)
- Legionella Monitoring
- Office Safety (Ergonomics)
- Safety Inspection Audit
- Third Party Independent Audit Verification
- Quality Assurance and Quality Control Management
- Site Supervision Consultant
- Site Supervision Work Quality

## 3. Training Programs:

### **NATIONAL ASSOCIATION OF SAFETY PROFESSIONALS (NASP), USA**

- NASP Occupational Health and Safety Advanced Diploma
- NASP 10 Hour General Industry Certificate
- NASP 10 Hour Construction Certificate
- NASP 30 Hour Construction (5 day course)
- NASP 30 Hour General Industry (5 day course)
- Blood Borne Pathogens (1 day course)
- Confined Space Entry (1 day course)
- Egress/Fire Safety (1 day course)
- Electrical Safety (1 day course)
- Ergonomics (1 day course)
- Hazard Communication (1day course)
- Hazardous Materials (1day course)
- Inspections (1 day course)
- Lock out /Tag out (1 day course)
- Machine Guarding (1 day course)
- Materials Handling (1 day course)
- Personal Protective Equipment PPE (1 day course)
- Record Keeping (1 day course)
- Walk/Work Surfaces (1 day course)

## OSHA

- OSHA 30 hour and 10 hour General industry
- OSHA 30 hour and 10 hour construction

## *LIFE SUPPORT AND FIRST AID*

- Cardiopulmonary Resuscitation and Automated External Defibrillation (CPR & AED)
- Basic First Aid (Emergency First Aid)
- Advanced First Aid (First Aid at Work)
- Medic First Aid
- Pediatric First Aid International Trauma Life Support
- Weld/Cut/Braze (1 day course)
- Workplace Violence (1 day course)

## *FIRE SAFETY*

- Fire Safety Awareness
- Fire Warden / Marshal
- Fire Drill and Evacuation Procedures

## *HEALTH AND SAFETY*

- Conducting Health and Safety Facility
- Inspection
- Control of Substances Hazardous to Health (COSHH)
- Ergonomics
- Hazard Identification and Risk
- Health and Safety Awareness at the Work Place (4 L)
  - Level 1
  - Level 2
  - Level 3
  - Level 4
- Work Place Awareness 101
- Indoor Air Quality Awareness
- Advance IAQ
- Risk Assessment

## *ENVIROMENTAL*

- Environmental Awareness
- Environmental Impact Assessments

## *MISCELLANEOUS HEALTH AND SAFETY*

- Behavior-Based Safety
- Conflict Management
- Accident Investigation
- Workplace Training 101

## *INSTRUCTION/INDUSTRIAL*

- Authorized Gas Testing Awareness
- Basic Scaffolding

- Banks man/Flagman
- Confined Spaces Awareness
- Crane Safety Operator
- Forklift Safety Operator
- General Safety in Construction
- H<sub>2</sub>S and Breathing Apparatus Awareness
- Manual Handling
- Permit to Work
- Rigging Supervisor
- Rigging and Slings
- Scaffolding Inspector
- Site Electrical Safety
- Suspension Trauma and Rescue
- Working at Heights
- Workplace/Site Safety

#### *DRIVING SAFETY*

- Defensive Driving

# Some of Our Customers

Our Consultants have proudly presented consultancy and training to prestigious organizations worldwide, including:



# Our Team Leaders

## Mr. Gerald Beaumont, CIH, CSP

Gerald is Certified industrial hygienist (CIH) and a certified safety professional (CSPo) whose vast experience has included:

- Developing and implementing corporate and site-specific standards on occupational health and safety, and hazardous waste, including HASPs and SHERPs for waste sites
- Providing training to employees at all levels of the corporate structure
- Developing resource materials for management to support their control over safety, employee exposures, and waste materials
- Auditing facilities for adherence to implemented standards; internal, government, and consensus
- Providing workplace monitoring and recommended process or procedural changes, when needed, to limit exposures, including local exhaust ventilation design
- Working with physicians and toxicologists to interpret results of measured animal and human exposures for the establishment of acceptable exposure limits and to solve problems
- Instituting a joint labor-management health and safety committee to remove an adversarial relationship from health and safety issues
- Preparing and presenting written and oral comments on proposed government regulations
- Participating in OSHA inspections, VPP plans, and negotiations over citations, variance requests, and hearings
- Conducting investigations of disease clusters in the workplace and occupational disease claims, including assisting attorneys in case preparation
- Conducting indoor air quality investigations, uncovering unusual sources, providing written materials to guide remedial actions, and re-sampling post clean-up (began in 1978)
- Acting as expert witness in various cases involving human exposures and resultant claims of injury

Engineering experience:

- Production supervision, process design, construction and demolition oversight, new process start-up, job restructuring, process hazard review, new product development, and technical sales.

Previous employers:

- Daniel Construction Co. (Now Fluor-Daniel) 1983-1986
- FMC Corporation 1979-1983
- Dow Chemical Co. 1966-1979

Education:

- BS Chemical Engineering, 1966
- Respirator Seminar, 1977
- Ventilation Seminar, 1978
- Toxicology Seminar, 1979
- Management Seminar, 1980

- Toxicology Graduate Course, 1982
  - Noise Graduate Course, 1983
  - AIDS Seminar, 1986
  - Biological Materials and Indoor Air Quality PDC, 1990
  - Heat Stress PDC, 1991
  - Process Safety Management PDC, 1992
  - Electromagnetic Radiation PDC, 1992
  - Arc Flash Hazard, 2009
  - Mold Identification, 2010
  - Combustible dust seminar, 2014
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### **Mr. Sherman Woodson, CIH, CSP, Senior Industrial Hygienist**

Mr. Woodson is a Certified Safety Professional and a Certified Industrial Hygienist with more than 30 years of experience. He is skilled in the following disciplines:

- Health and Safety Program Development
- Health and Safety Training
- Noise Monitoring
- Employee Exposure Assessments
- Indoor Air Quality Surveys

Key Projects and Assignments:

- **Robert Bosch Corporation**, (2007-Present), Anderson, SC
  - Providing employee health and safety training for various OSHA standards such as lockout/tag out, compressed gas cylinder handling, confined space entry, electrical work practices, and welding hazards.
  - Performing employee exposure monitoring for chemicals
- **Mitsubishi Polyester Film** (2006-Present), Greer, SC, Long-term contract for safety and industrial hygiene support
  - Performing employee chemical exposure assessments, noise evaluations, and review safety issues with plant environmental, maintenance, and production staff
- **Greenville County School District** (2000-Present), Greenville, SC
  - Performing indoor air quality investigations involving chemical and microbiological testing
  - Write IAQ guidelines and recommendations.
  - Performing asbestos and lead-based paint investigations

**Confidential Clients** (2013):

- Hart County, Georgia
- Pascagoula, Mississippi
- Clark County, Mississippi

Performed environmental sound-level surveys of noise sensitive areas (NSA's) for compressor stations and a liquefied natural gas facility to comply with Federal Energy Regulatory Commission (FERC) guidelines.



## **General Electric (1990-Present), Greenville, SC**

- Providing ongoing support for health and safety issues including employee exposure assessments and safety training

### Education:

- MPH, Industrial Hygiene, 1986, USC, Columbia, SC
  - BS, Biology, 1983, Furman University, Greenville, SC
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## **Ms. Colleen Chastain, Occupational Health and Safety Expert**

Ms. Christian is an EPA-trained asbestos project designer, building inspector, management planner, and project monitor. Ms. Christian is a South Carolina- and North Carolina-approved instructor in all asbestos disciplines. She is licensed to conduct asbestos services in North Carolina, South Carolina, Tennessee, Georgia, Kentucky and Alabama.

Ms. Christian has conducted occupational exposure monitoring in the workplace for various stressors, including metal dusts and fumes, organic compounds, chemicals, gases, silica, welding profiles, VOCs, talc, and dusts. She has conducted noise surveys and personal dosimeter to monitor sound levels in the workplace as well as Environmental noise studies. She has performed respiratory fit testing and is familiar with the OSHA respiratory protection standard.

### Education:

- B.S., Biology, University of South Carolina

### Licenses:

- EPA Accredited Asbestos Inspector/Project Monitor/Project Designer/Management Planner EPA Approved Instructor for all Asbestos disciplines SC & NC
  - NC, SC, GA, TN, KY, AL licensed Asbestos inspector/Project monitor, Management Planner
  - EPA Accredited Lead Inspector and Lead Risk Assessor
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## **Mr. John N. Cain, CIE, CMR, Project management**

John is an indoor air quality expert who has more than 20 years of experience assessing and planning remediation for properties with compromised indoor air quality and/or moisture and mold problems.

### Education:

- C.I.E. Certified Indoor Environmentalist #00666
- C.M.R. Certified Mold remediation# 04124
- State Licensed Home Inspector SC#1024
- Construction Engineering Technology Degree - Greenville Technical College

- Interdisciplinary Business University of South Carolina
- NADCA (National Air Duct Cleaning Association) certifications
  - A.S.C.S. (Air System Cleaning Specialist) # 9011357
  - C.V.I. (Certified Ventilation System Inspector) # C203080526
  - V.S.M.R. (Ventilation Systems Mold remediation) # V303060706

Experience:

- Owner and founder of Carolina Air Care and Advanced Environmental Services. 1992 – present. Advanced Environmental Services specializes Building evaluations for Indoor Air Quality, Environmental testing, Remediation services, Project management

### **Mr. Isam Khalafalla SMT/ MSOSHS, Licensed SCDHEC Director of H&S Programs**

Isam is a health and safety professional with more than 15 years of experience in health, safety and biological pollution. He is highly motivated and has excellent interpersonal communication, relationship management, and presentation skills. Isam's professional affiliations include:

- American Industrial Hygiene Association,
- Mycological Society of America,
- America Indoor Air Quality Council
- US Green Building Council.

Isam's responsibilities have included acting as:

Almed Tech General Manager and main IAQ independent consultant for Emaar.

- Managing Director of SEEML, Inc., Greenville, SC, USA
  - overseeing business development
  - setting goals for the entire division in line with the Company's plans
  - overseeing technical training and consulting for EIHS
  - interacting with EPA, OSHA and the South Carolina Department of Environmental Health and Control regarding company safety compliance and new regulations
- Environmental Health and Safety Manager, SEEML Inc.
- IAQ consultant for Biological pollution for Indoor air Sciences, Atlanta GA

Isam has attained the following designations:

- Trainer for the American Indoor Air Quality Association, South Carolina
- Occupational Health and Safety Trainer (Train-The-Trainer) From OSHA Academy, USA  
Trainer Certification number 112710
- Certified Safety Manager/ Trainer from the National Association of Safety Professional, USA,  
Trainer Certification number 503380
- OSHA 40 Hour, HAZWOPER (Emergency Response to Hazardous Waste, Clean-up Operations and Storage, Disposal, Treatment of Hazardous Substances), USA
- OSHA 30 Hour General Industry, USA
- Environmental Protection Agency Model-Asbestos Building Inspector, USA, Licensed by the state of South Carolina as an Asbestos Consultant, SCDHEC license Number- B1-01155

- Sampling and Analysis of Airborne Asbestos (NIOSH 582), USA

Isam graduated Magna Cum Laude with a Bachelor's of Science in Microbiology, from Mississippi State University in 1999.

## **Company information:**

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