

Justin R. Rhyneer, CIH, CHMM

Owner & Senior Project Manager

AREAS OF EXPERTISE

- Industrial Hygiene Exposure Assessments of Airborne Chemical and Biological Hazards and Development of Appropriate Controls
- Respiratory Protection Program Development
- Noise Exposure Assessment and Hearing Conservation Program Development
- Asbestos Hazard Management
- Lead Hazard Management
- Indoor Air Quality Investigations
- Environmental Remediation Oversight
- Industrial Ventilation Systems
- Phase I and II Environmental Site Assessments
- RCRA Compliance
- RCRA Groundwater Investigations
- Brownfield Redevelopment
- Development of Site Specific Safety & Health Plans
- Asbestos Contractor Supervisor Training
- HAZWOPER & HAZMAT Technician Training

EDUCATION

Florida State University-, B.S.,
Civil Engineering, 1997.

REPRESENTATIVE EXPERIENCE

Mr. Rhyneer has over 13 years experience in the Environmental, Safety and Health (ESH) industry and has been responsible for managing a diverse range of projects & programs during this period. Mr. Rhyneer's primary emphasis has been in the Industrial Hygiene field, with a secondary emphasis in the environmental due diligence, site risk assessment and cleanup fields. These tasks have ranged from complex long term Industrial Hygiene Exposure Assessments of confirmed human carcinogens, to development of OSHA Compliance programs to large scale Brownfields property redevelopment projects with complex environmental issues.

As a *Senior Project Manager*, Mr. Rhyneer has been responsible for client management, staff management, project management, financial management, job costing, coordinating with regulatory agencies, financial projections and marketing.

As a *Professional*, Mr. Rhyneer has been responsible for development, implementation and quality assurance/control of sampling strategies, technical field manuals, standard operating procedures, regulatory compliance programs, and laboratory quality assurance programs.

Business management responsibilities include development of job costing systems, revenue-expense projections, budget analysis and collections.

General Industrial Hygiene Practice

United States Air Force; Deputy Commander, Bioenvironmental Engineering Flight; Maxwell Air Force Base, Montgomery, Alabama (1998-2001)

Responsible for development, implementation and management of facility Industrial Hygiene (IH) program to support the occupational health and safety of over 2,000 government and military workers. Responsibilities included oversight of IH workplace assessments, respiratory protection program, confined space program, radiation safety and dosimetry program, hearing conservation program, development of a comprehensive IH program database management tool and management of a \$250K/yr budget. Additional responsibilities included playing an integral role in the USAF intra-base facility auditing program, requiring evaluation of ESH program performance at various Air Force facilities throughout the country. Provided support to base fire department as a Hazardous Materials Specialist for emergency response incidents.

Major Electrical Utility Provider, Southeastern United States (2001 – 2005)

Served as Project Manager and Lead Certified Industrial Hygienist (CIH) on a \$250K/yr contract to provide comprehensive IH services at 5 separate coal-fired power plants. Primary responsibilities included the development, implementation and quality control of IH exposure assessment sampling strategies for various air contaminant hazards during both routine and seasonal facility outage related maintenance activities, as well as the recognition, evaluation and control of numerous related occupational health and safety hazards. Hazards included: asbestos, lead, arsenic, cadmium, welding fumes, respirable crystalline silica dust, and



PROFESSIONAL HISTORY

Riverfront Safety & Health, LC
Principal/ Senior Project
Manager, February 2005-Present

Sitex Environmental, Inc., Senior
Project Manager/ Professional,
January 2001 - January 2005

United States Air Force,
Bioenvironmental Engineer,
January 1998 – January 2001

CERTIFICATIONS

American Board of Industrial
Hygiene; Certified Industrial
Hygienist (CIH)

Institute of Hazardous Materials
Manager Certified Hazardous
Materials Manager (CHMM)

40-Hour OSHA Hazardous Waste
Operations Supervisor

Asbestos Inspector, AHERA, MO

Asbestos Contractor Supervisor,
MO

NIOSH 582 Certified Phase
Contrast Microscopy Analyst

Lead-Inspector, MO, IL

Lead-Risk Assessor, MO, IL

OTHER TRAINING

USAF Bioenvironmental
Engineer Officer Training School
for EPA/OSHA/NRC
Compliance (800 hrs)

University of Michigan Industrial
Hygiene Review Course (40-hrs)

McCoy & Assoc. RCRA
Compliance Course (40-hrs)

University of Alabama-
Birmingham; Confined Space
Entry & Rescue (24-hrs)

coal dust. Played an integral role with plant management teams to bring production back on line as quickly as possible, while still ensuring worker safety and health. Additional responsibilities included 3rd party asbestos abatement oversight, industrial ventilation assessment surveys, compliance program auditing, and regulatory compliance training.

Steel Foundry Facility, St. Charles, Missouri (2003)

Conducted assessment of occupational exposures to hazardous noise and respirable silica dust, as well as a comprehensive evaluation of industrial ventilation system performance. Provided interpretation of survey results and detailed recommendations on necessary controls and/or process changes to reduce occupational exposures and limit company liability.

Food Product Manufacturer Brewing Facility, St. Louis, Missouri (2004 – Present)

Spearheaded a comprehensive effort in the recognition, evaluation and control of occupational exposures to crystalline silica and hexavalent chromium at various production facilities during routine activities over a 2-yr period. Provided interpretation of survey results and observations with detailed recommendations on necessary controls and/or process changes to establish a “workable” hazard control program, thereby reducing occupational exposures and limiting company liability. Also provided general IH services in assessment of routine exposure conditions for a variety of air contaminants, including lead, coal dust, respirable and total dusts.

Concrete Manufacturing Facility, St. Louis and Fulton, Missouri (2004)

Conducted comprehensive assessment of occupational exposures to welding fumes, hazardous noise, carbon monoxide, nitrogen dioxide and crystalline silica during production of concrete conduits. Provided interpretation of survey results and observations and detailed recommendations on necessary controls and/or process changes to reduce occupational exposures and limit company liability.

Chemical Manufacturing Facility, Baltimore, Maryland (2004)

Served as primary instructor during a month-long hazardous materials emergency response team training effort. The course covered basic environmental safety and health topics, but primary focus was on proper response procedures in the field, including donning/doffing various levels of PPE and various hands on corrective action techniques to gain control of a hazardous materials release.

Chemical Manufacturing Facility, Cadet, MO (2007)

Performed a facility wide assessment of occupational exposures, including a facility sound survey, noise dosimetry and a combination of personal and area air samples collected from 6 different workers, from 5 different areas, and for 20 different chemicals, with a total of over 50 samples, all completed over a two-shift work sequence. Final report received commendation from internal EHS auditing team as “best report” company wide. Concentrated, efficient and well orchestrated sampling efforts likely saved client approximately \$10,000.

St. Louis University Center for Environmental Education & Training, St. Louis, MO (2005 to present)

Provide instruction for HAZWOPER initial and annual training

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AFFILIATIONS

American Industrial Hygiene Association (AIHA)

St. Louis Chapter of AIHA

Gateway Society of Hazardous Materials Managers

St. Louis Chapter of American Society of Safety Engineers

courses. Course is presented in accordance with OSHA HAZWOPER standard training requirements. Also provide instruction on Industrial Hygiene and Toxicology sections of university sponsored EHS courses for students preparing to take the Certified Hazardous Materials Manager examination.

Nuclear Power Plant, Northwest Alabama (2004)

Instructed 40-hr Asbestos Contractor Supervisor initial training course to plant supervisors, superintendents and managers. Course was presented in accordance with EPA AHERA training protocols, including class time and considerable hands on exercises stressing the proper construction and maintenance of containment structures, hazard control measures and a variety of abatement techniques.

Environmental Remediation Oversight

Responsible for the oversight and/or development of HASP for multiple environmental site remediation projects, including, but not limited to: UST removal and closeout; subsurface petroleum product release cleanup; beryllium processing facility cleanup; construction related excavation through VOC and pesticide impacted subsurface materials; removal and cleaning of PCB contaminated equipment.

RCRA Groundwater Investigations

Pesticide/Herbicide Processing Plant, St. Louis County, Missouri (2001-2003)

Coordinated, conducted and reported the groundwater sampling investigations associated with historical releases of pesticides/herbicides and volatile organic compounds for a Resource Conservation and Recovery Act Corrective Action Site (RCRA CORRACTS). The project required close coordination with past and present owners, attorneys and regulatory agencies. Responsible for evaluating sampling result trends and various corrective action alternatives.

RCRA Compliance

United States Air Force, Maxwell Air Force Base, Montgomery, Alabama (1998-2001)

Responsible for the identification, sampling, interpretation, and inventory of all facility EPA-RCRA regulated hazardous waste streams.

Asbestos Hazard Management

Multiple Commercial, Industrial and Residential Properties

For the past eight years, managed the asbestos and hazardous materials inspection, sampling and abatement oversight at hundreds of residential, commercial and industrial buildings for the purposes of renovation and/or demolition. This work has been performed for several of St. Louis' largest hospitals, schools and office buildings, as well as some private homeowners and developers.

Mold Hazard Management

United States Navy- Naval Air Station-Key West (2005)

Served as lead CIH for a team of 30 IH professionals during inspection, characterization and abatement of asbestos & residential mold infestation following large scale Hurricane related damage. Served as liaison to U.S. Navy and general contractor authorities. Spearheaded development of modified clearance criteria for mold impacted areas that sparked increased pass rates and minimized financial impacts.

SM Wilson Construction – Jewish Community Center (2009)

Provided full scale initial investigation and sampling in preparation and execution of remedial action plan in response to water intrusion event extending out over two stories and approximately 50,000 sqft of a newly renovated community center.

SM Wilson Construction – Boone County MO Courthouse (2009)

Provided full scale initial investigation and sampling in preparation and execution of remedial action plan in response to water intrusion event extending out over three stories and approximately 40,000 sqft of an active courthouse facility under construction.

McCarthy Construction – Maryland Walk Apartments (2007-2008)

Provided full scale initial investigation and sampling in preparation and execution of remedial action plan in response to water intrusion event and subsequent mold growth extending out over ten stories and approximately 15,000 sqft of a newly constructed apartment/condominium complex.

Sunrise Assisted Living – Clayton On The Park (2007-2008)

Provided full scale initial investigation and sampling in preparation of remedial action plan in response to long term water intrusion and subsequent mold growth extending out over 20 stories and approximately 100,000 sqft of large apartment complex under renovations.

Lead Hazard Management

Electrical Power Generating Facility, Illinois (2002)

Provided project management, oversight, air/wipe sampling, reporting and recommendations for the proper control of lead exposure hazards presented by the abatement/removal of an accumulation of lead-carbonate dust within an electrical generator turbine. Project responsibilities included the establishment of a regulated area, personal air sampling and proper contamination control procedures.

Multiple Commercial, Industrial and Residential Properties

For the past eight years, managed the lead inspection, sampling, risk assessment and abatement oversight at numerous residential, commercial and industrial facilities for the purposes of renovation and/or demolition. This work has been performed for several of St. Louis' largest hospitals, schools and office buildings, as well as some private homeowners and

developers.

Phase I, II and III Environmental Site Assessments

Urban Property Redevelopment, St. Louis, Missouri (2002)

Managed the environmental due diligence process prior to, during and after property acquisition. Identified and characterized environmental issues associated with the complex during the Phase I ESA that would require action during redevelopment activities. Designed, coordinated and performed the Phase II subsurface investigation efforts to identify suspected subsurface petroleum contaminant plumes. Designed and coordinated oversight of environmental remediation activities, which involved the removal of 5 underground storage tanks (USTs), with owners, architects, lending institutions, general contractors and regulatory agencies in accordance with Missouri UST Program guidelines.

Downtown Property Redevelopment, St. Louis, Missouri (2001 – 2002)

Managed the environmental remediation of environmental hazards identified within two large buildings, and over three city blocks. The project involved multifaceted environmental issues that were required to be remediated in close coordination with the Missouri Voluntary Cleanup Program. The project included Phase I Environmental Sites Assessments, asbestos and hazardous materials inspections and remediation, removal of underground storage tank (UST) systems, subsurface remediation of over 45,000 cubic yards of lead and petroleum impacted soils.

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