

# ROBERT A. JURGIEL, PE, CSP

## Senior Consultant

**Education:** M.P.H., Industrial Hygiene & Environmental Health, University of Michigan  
B.S., Civil Engineering, Northwestern University

**Certifications:** Professional Engineer in Missouri  
Certified Safety Professional

Air Sampling Professional - Missouri and Illinois  
Asbestos Inspector - Missouri and Illinois  
Asbestos Contractor/Supervisor - Missouri  
Asbestos Project Manager - Illinois

**Affiliations:** AIHA, ASSE

**Experience:** 15 years

Robert has provided project engineering and industrial hygiene support for a wide range of projects including Industrial Hygiene, Safety, Asbestos/Lead, and Indoor Air Quality (IAQ)/Mold related projects. Experienced with managing and coordinating various scaled multi-discipline projects for a wide variety of clients, including private and government related sectors.

Prior to joining Jurgiel & Associates, Mr. Jurgiel worked as a structural engineer gaining experience in the construction and engineering fields. At Sverdrup, he spent two years as a construction inspector for a cable-stayed bridge over the Mississippi River in Burlington, Iowa. At Steinman, he spent two years as a staff engineer providing design and inspection support for bridges.

Examples of recent project experience are provided below:

**US Steel Corporation:** Industrial Hygiene Sampling, Granite City Works  
*Granite City, Illinois*

- Conducted routine monitoring of Basic Oxygen Furnace for various metals.
- Conducted quarterly monitoring of Coke Oven Battery for Coke Oven Emissions.
- Conducted noise surveys and personal dosimetry throughout the plant.
- Evaluated Heat Stress issues of high risk operations.
- Conducted routine monitoring of Blast Furnace Operations for hydrogen sulfide, sulfur dioxide, and metals.
- Conducted routine monitoring of various preventative maintenance tasks, as needed.
- Provided additional industrial hygiene support to EHS staff, as needed.

**Dynegy Midwest Generation:** Industrial Hygiene Sampling, Various Power Plants  
*Illinois*

- Conducted monitoring of welders and hexavalent chromium issues
- Conducted plant-wide industrial hygiene survey including noise survey and personal noise dosimetry, respirable silica, fly ash, and coal dust.

**Clayco Construction Company:** Various Projects  
*St. Louis, Missouri*

- Provided industrial hygiene support on various projects for mold, lead, and other environmental issues, as needed.

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**Alberici Constructors:** Renaissance Gateway Hotel

*St. Louis, Missouri*

- Provided emergency industrial hygiene support to evaluate potential exposures of asbestos, lead, bird waste, and other renovation related hazards.
- Conducted personal exposure assessments for various renovation related tasks on fast track basis to minimize employee concerns and prevent additional construction schedule delays.
- Conducted routine follow-up sampling throughout project to monitor potential exposures.

**DaimlerChrysler - St. Louis South Assembly:** Asbestos Consulting (various projects)

*St. Louis, Missouri*

- Coordinated asbestos remediation work with facility and abatement contractor.
- Developed project scopes of work.
- Provided project management and on-site monitoring of remediation activities.

**ConocoPhillips Wood River Refinery:** Facility-wide Noise Survey

*Wood River, Illinois*

- Measured noise levels throughout the refinery complex.
- Plotted measurements in a grid-like pattern and identified areas of the complex that required appropriate hearing protection based on corporate criteria.

**Illinois Capital Development Board:** Demo 10 Buildings, Menard Correctional Facility

*Chester, Illinois*

- Conducted building inspections for asbestos and lead materials.
- Coordinated asbestos and lead design issues with project architect and owner.
- Provided project management of remediation activities.

**American Airlines:** St. Louis Maintenance Terminal Asbestos Abatement

*St. Louis, Missouri*

- Identified high risk exposure during on-site review of in-house asbestos maintenance activities.
- Coordinated asbestos remediation design, bidding process on a fast track basis.
- Provided project supervision for phased remediation in active maintenance hanger.

**Veterans Administration:** Relocate Eye Clinic Project, Asbestos consulting for multi-disciplined project

*Poplar Bluff, Missouri*

- Conducted building inspections for asbestos materials in renovation area.
- Coordinated asbestos and lead design issues with project engineer and owner.
- Developed bidding documents including detailed technical specifications and drawings.
- Provided project management and air monitoring of remediation activities.

**DaimlerChrysler - St. Louis North Assembly:** Evacuation Route Review and Update

*St. Louis, Missouri*

- Updated the assembly facility's evacuation routes, including a review of all exterior exits, stairwells and primary routes of evacuation.
- Evaluated affects of facility additions, perimeter fencing and security turn-styles.
- Developed drawings of the revised evacuation routes to be posted throughout the facility.
- Provided guidance regarding evacuation route signage including the use of photoluminescence.