



# **KTA-TATOR, INC.**

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## **STANFORD T. LIANG, CIH**

Mr. Liang has over 15 years of experience performing industrial hygiene air monitoring, conducting job safety analysis, developing safety programs (including confined space entry, lockout/tagout, and emergency response plans), and presenting safety training and OSHA compliance audits. Mr. Liang has demonstrated this experience for such clients as Weirton Steel, Allegheny Ludlum, PPG Industries, General Electric, and IBM.

### **EDUCATION**

**1986** University of Southern California – B.S. in Safety

### **PROFESSIONAL CERTIFICATIONS**

SSPC C-3 Supervisor/Competent Person for Deleading of Industrial Structures  
Certified Environmental Trainer (CET)  
Certified Industrial Hygienist (CIH) - #CP7515  
10 and 30 OSHA Construction Outreach Program Trainer

### **PROFESSIONAL ASSOCIATIONS**

National Environmental Training Association  
American Industrial Hygiene Association  
American Academy of Industrial Hygiene  
Society for Protective Coatings (SSPC)

### **KTA EXPERIENCE**

**1998 – Present**

#### **KTA Environmental Health and Safety Group**

Responsible for developing safety and health programs, conducting worker training, and evaluating worksite hazards. Past projects include updating a comprehensive safety and health program for 12 painting firms who are members of the Western Pennsylvania Chapter of the Painting and Decorating Contractors of America (PDCA); writing site-specific lead compliance programs, and monitoring lead-paint removal projects. Also responsible for broad-based consulting with clients regarding the recognition, evaluation and control of work place safety, occupational and environmental conditions which could cause injuries or illness. Oversees projects as Project Manager and provides technical support and direction to field staff. Presents safety and industrial hygiene training in a variety of topics, including permit required confined spaces, respiratory protection, and 10-Hour and 30-Hour OSHA Construction Safety courses.

**Coatings & Corrosion Consulting • Environmental, Health & Safety • Laboratory Analysis  
Materials Testing • Paint Inspection • Steel Inspection**

## **Transportation Projects**

### **NYC Department of Transportation – Protective Coating of Various Bridges (2001 to Present)**

Providing safety and industrial hygiene support for this multi-year contract involving the removal of lead-based paint and protective coating of over 15 individual bridges.

### **Triborough Bridge & Tunnel Authority – Verrazano-Narrows Bridge (1998 to Present)**

Providing safety and industrial hygiene support for five-year coatings inspection project. Visit jobsite on a monthly basis to evaluate contractor safety performance relative to contract specifications, contractor's safety program, and OSHA regulations.

### **Triborough Bridge & Tunnel Authority – Toll Booth Painting at Miscellaneous Facilities (2000 to Present)**

Providing safety and industrial hygiene support for two-year coatings inspection project. Visit jobsite on a monthly basis to evaluate contractor safety performance relative to contract specifications, contractor's safety program, and OSHA regulations.

### **Triborough Bridge & Tunnel Authority – Triborough Bridge (1998 to 2000)**

Provided safety and industrial hygiene support for two-year coatings inspection project. Visited jobsite on a monthly basis to evaluate contractor safety performance relative to contract specifications, contractor's safety program, and OSHA regulations.

- Develop site-specific worker lead program and visit jobsites to evaluate compliance with program for the following contractors and projects:

Damalos – Grace Bridge, Mt. Storm, West Virginia (1998)

Specialty Painting – Yeager Bridge, Charleston, West Virginia (1998)

Corcon – Kanawha I-64 Overpass, Charleston, West Virginia (1999)

Specialty Painting – Strange Creek Bridge, Braxton City, West Virginia (2000)

## **Industrial Hygiene Projects**

### **EBI Insurance Company (Various Locations)**

Performed air monitoring for respirable silica, sulfuric acid, and organic vapors. Facilities included battery production, specialty glass manufacturer, and a steel fabrication shop.

### **Liberty Mutual Insurance Company (Various Locations)**

Performed air monitoring for oil mist and respirable silica and conducted a noise survey. Facilities included quarries and a machine shop.

### **Duquesne Energy (H. J. Heinz, Pittsburgh, Pennsylvania – Energy Facility)**

Conducted area and personal monitoring for carbon monoxide and nitrogen oxide.

**Allegheny County Sanitary Authority, Pittsburgh, Pennsylvania**

Conducted annual laboratory safety survey and lab hood evaluation, protective personal equipment hazard evaluation, noise survey, and air monitoring for solvent vapors.

**Community College of Allegheny County, Pittsburgh, Pennsylvania**

Conducted comprehensive indoor air quality survey to investigate complaints by building occupants.

**PREVIOUS EXPERIENCE**

**1993 – 1997**

**CENTER FOR SAFETY & ENVIRONMENTAL MANAGEMENT**

Vandergrift, Pennsylvania

- As an Industrial Hygienist/Safety Consultant, provided the following safety program development services for Weirton Steel:
  - Developed lockout/tagout procedures
  - Prepared job safety analysis
  - Prepared confined space entry procedures
  - Developed emergency response plans
  - Conducted OSHA compliance audits
- Developed manuals and presented safety training for clients such as Allegheny Ludlum, PPG, and Weirton Steel. Courses included confined space, hearing protection, forklift training, lockout/tagout, and industrial hazardous material response.
- Implemented industrial hygiene workplace surveillance programs (i.e., air sampling, noise monitoring, heat stress).

**1991 – 1993**

**GEO-CON, INC., Pittsburgh, Pennsylvania**

As a Health and Safety Professional, provided the following services:

- Prepared and implemented corporate safety programs, including respiratory protection, confined spaces, and lockout/tagout.
- Managed safety programs on hazardous waste site construction projects as a Health and Safety Officer.
- Performed industrial hygiene air monitoring via direct reading instruments (i.e., combustible gas meters, photoionization detectors) and personal air sampling.

**1986 – 1990**

**UNITED STATES NAVY  
Philadelphia Naval Shipyard/USS Independence**

As Assistant Safety Officer, performed the following duties:

- Implemented safety audit program.
- Conducted accident investigations and compiled safety statistics.
- Designed and implemented safety programs such as respiratory protection.
- Presented safety training programs such as motor vehicle safety and off-the-job safety

**1985**

**HUGHES AIRCRAFT**

As a Student Intern, provided the following services:

- Inspected hazardous waste storage areas for compliance with RCRA requirements.
- Assisted in completion of hazardous waste manifests.
- Conducted audits of hazardous waste storage areas and manufacturing facilities.

**CONTINUING EDUCATION**

**1991**

40-hour Hazardous Waste Site Worker (NUS Corporation)

**1995**

“Train-the-Trainer” Program (National Environmental Training Association)

**1996**

Environmental, Health and Safety Auditing (PA Chamber of Business and Industry)

**1997**

OSHA 500 Training Course in Occupational Safety and Health Standards for the Construction Industry (West Virginia University)

**1999**

SSPC Supervisor/Competent Person for Deleading of Industrial Structures

**2002**

Mold Spores and Remediation Workshop (American Conference of Governmental Industrial Hygienists)

**2002**

Exposure Assessment – Strategies and Statistics (American Industrial Hygiene Association)

**2003**

Toxic Mold Roundtable (American Industrial Hygiene Association – Pittsburgh section)

**PUBLICATIONS**

“Protecting Workers Against Falls: Proper Use of Safety Gear,” Journal of Protective Coatings and Linings, Volume 18, Number 2, February 2001. (co-author)

“Respiratory Risks of Spray Painting and Ways to Control Them: An Overview,” Journal of Protective Coatings and Linings, Volume 17, No. 8, August 2000 (co-author). Winner of JPCL 2001 Editors’ Award.