



ABKaelin, LLC  
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## **QUALIFICATIONS PROFILE:**

- 2016 Society of Protective Coatings (SSPC) Coatings Education Award
- 2014 co-recipient of the inaugural SSPC Women in Coating Award
- 2013 Journal of Protective Coatings and Linings Editors' award
- 2012 JPCL: Top Thinkers: The Clive Hare Honors as a visionary who has advanced the protective coatings industry in the past decade (First woman honored)
- 2011 ASQ Who's Who NorthEast Division
- 2005 SSPC Technical Achievement Award
- 30+ years of experience in quality, engineering, construction and consulting in the steel fabrication, coatings, transportation, utilities, nuclear, water and wastewater and manufacturing industries.

## **PROFESSIONAL CERTIFICATIONS:**

American Society of Quality Certified Quality Auditor (#33410)  
ANSI N45.2.23 Lead Quality Auditor  
NACE Certified Coating Inspector Level 3 (#3000)  
Previous EPA Certified Visible Emissions Evaluator (Certification No. 250159)  
EPA Accredited Asbestos Abatement Contractor Supervisor, 1988-1993

## **EDUCATION AND PROFESSIONAL TRAINING:**

Vanderbilt University, Nashville, TN Bachelors of Engineering: Civil and Environmental (1984)  
American Society of Quality – Certified Auditor Training  
NACE Coating Inspector Training Session I, II and III  
OSHA Construction Hazard Awareness Training  
SSPC Supervisor/Competent Person for Industrial Deleading Projects  
Fabric Filtration Systems Course  
KTA Project Manager, Train-the-trainer, Auditor and Level I Coating Inspection Training  
NITON XRF Spectrum Analyzer Training  
Inspecting for Lead Hazards in Residences  
Lead-Based Paint Risk Assessment  
Hazardous Waste Handling/Storage Training  
Nuclear Lead Quality Auditor Training

## **PROFESSIONAL ASSOCIATIONS:**

American Society of Quality (ASQ)  
National Association of Corrosion Engineers (NACE) International  
The Society for Protective Coatings (SSPC)  
▪ Chairman (Dust Collection & Environmental Monitoring). Developed:

- SSPC TU7, "Conducting Ambient Air, Soil, and Water Monitoring During Surface Preparation and Paint Disturbance Activities" (SSPC 00-03)

- SSPC Guide 16, Guide to Specifying and Selecting Dust Collectors
  - Former Chairman, QP2/QP3 Certification
- Journal of Protective Coatings and Linings Contributing Editor

## **EXPERIENCE:**

**2013-Present**                    **ABKaelin, LLC**

### **Owner/Principal**

Providing auditing, outsourced quality management, training, environmental, health and safety services to the coatings industry. Recent projects include:

- Deputy Coatings Quality Assurance Manager on the New NY Bridge Project (Tappan Zee Bridge Project)
- Ambient Air Monitoring and EHS Services on the Liberty and Birmingham Bridge Projects
- EHS and Industrial Hygiene Services on the Amtrak 30<sup>th</sup> Street Station Restoration Project
- Updates to the SSPC C-3 and C-5 Competent Person Course
- SSPC C-3, C-5, Lead, Coating Quality Control, Auditing, Quality Management Systems, and other training
- SSPC Quality Assurance Program Development QS-1, QP-1, 2, 3, and QP-7
- Nuclear Quality Assurance Manual Development - 10 CFR 50, Appendix B, ASME NQA-1:1994
- Quality Assurance Support- SSPC, Nuclear, and ISO 17025
- Auditing – SSPC QP-3, QP-5, QP-1, QP-2, and QS-1, QP-7, Nuclear, and ISO 17025
- Program Development - worker, environmental, waste management programs
- Regulatory coordination / review
- Monitoring - environmental, ambient, worker exposure
- Coating inspection and consulting
- Training Development and Delivery- SSPC C-3, C-5, Worker Lead and other Toxic Metals, & Silica
- Submittal review – quality control, coatings, environmental, worker, waste and containment/ ventilation
- Applicator Qualification to ASTM D4227, D4228, client or manufacturers requirements

**2003 – 2012**

**KTA-TATOR, INC. / KTA ENGINEERING SERVICES, P.C.**

### **Corporate Quality Assurance Manager**

Overall responsibility for assuring that all KTA business groups and personnel provide quality services and products to KTA clients in

accordance with established corporate quality assurance procedures. Responsible for the development of quality assurance and quality control procedures and the independent auditing of all KTA operating groups. Develop and deliver internal training programs.

- Developed, oversaw, and audited compliance with various quality management systems meeting ISO, Nuclear, SSPC and other standards.
- Developed and oversaw implementation of quality control and auditing programs for coating inspection, pre-stressed concrete inspection and steel inspection and NDE testing and company services and departments.
- Developed and presented training for internal and external field staff in all disciplines.
- Assisted in the development of worker safety and health compliance programs, and policies and procedures manuals.
- Developed calibration procedures and documentation

#### **Consultant**

- Performed technical consulting in areas of expertise upon client request. Sampled projects include development of Visual Guide of Containment and Ventilation Systems for Illinois Department of Transportation and Hazardous Waste Management Programs for Delaware River Port Authority.
- Developed quality manuals for select clients.
- Developed project management best management practices for fortune 500 firm.

**1997 to 2003**

#### **KTA-TATOR, INC.**

##### **Environmental, Health and Safety Group Manager**

Provided direct technical assistance and training to corporate and region-based personnel, audits the quality of service delivered to clients by reviewing files, reports, and making personal visits to clients and/or job sites, develops and implements training programs, assists staff with proposals, develops and conducts client training, provides technical input for the performance appraisal process, and implements research activities. Project management of complex multi-disciplinary jobs and expert legal support. Performed quality control on client deliverables. Projects include:

- Primary author of the revisions to the SSPC C-3 Course, Supervisor/Competent Person for Industrial Deleading Projects and principal instructor for C-3 and C-5 (refresher).
- Technical editor and co-author of FHWA Hazardous Bridge Coatings: Design and Management of Maintenance and Removal Operations Course (NHI #130069).
- Specification and program preparation for over 100 DOT, water tank and commercial clients.

- EH&S project manager on complex multi-disciplinary projects for clients such as the Delaware River Port Authority (DRPA), Triborough Bridge and Tunnel Authority (TBTA), Pennsylvania DOT, Ohio Turnpike Commission, and New York State Thruway Authority (NYSTA).

**1993 to 1997**

**KTA/SET ENVIRONMENTAL**  
**Director of Environmental Compliance**

Primary responsibilities included development of specifications and environmental programs, conducting training, coordinating the ambient air monitoring program and providing project management services for housing and industrial projects. Specific projects include:

- Project Management of Environmental Monitoring Projects, including but not limited to: the Triborough, Henry Hudson, Bronx-Whitestone, and Verrazano-Narrows Bridges, New York, NY; 6th, 7th and 9th Street Bridge Projects, Pittsburgh, PA; H Street Bridge, Sacramento, CA; East Liverpool Tanks, OH.
- Environmental Consultant / Project Manager at Phipps Conservatory Palm Court Rehabilitation Project, Pa and the New York Botanical Gardens Conservatory Rehabilitation Project, Bronx, New York.

**1988 – 1993**

**BUREAU OF AIR POLLUTION CONTROL**  
**Allegheny County Health Department**  
**Pittsburgh, PA**

Air Pollution Control Engineer/Supervisor, Inspection Section - Established inspection protocols, developed and oversaw air compliance and asbestos programs, abrasive blast cleaning projects, developed and administered visible emission and odor observation programs and performed over 300 site surveys for potential public health hazards including lead, asbestos and industrial air contaminants in manufacturing, steel and other industries. Provided legal testimony in cases related to violations of environmental regulations.