



KTA-Tator, Inc.



PROTECTING THE WORLD'S INFRASTRUCTURE SINCE 1949



**Pittsburgh, PA
1-800-245-6379 KTA.com**

KTA-Tator, Inc.

KTA-Tator, Inc. is a consulting engineering firm founded in 1949, focused on quality verification and asset management. KTA fully integrates engineering design with inspection services for protective coatings, building envelopes, and steel/concrete fabrication. KTA professionals are supported by fully equipped analytical and physical laboratories that provide peace of mind beginning with design and continuing through the life of the asset.

Hundreds of clients each year depend on KTA's quality assurance team of industry veterans, who are not only certified by NACE, SSPC, and AWS, but have additional certifications in cathodic protection (CP), bridge coatings (BCI), concrete (ACI/PCI), tanks (API), protective coatings (SSPC-PCS), moisture intrusion (RCI-RRO), and nuclear coatings inspection (ASTM). KTA's inspection instrument sales and service team provides the industry with the equipment needed to assess quality.





Why Choose KTA?

- Employee Owned - No Contract Employees
- Industry Leading Corrosion Consulting and Support Services
- Largest SSPC QP 5 Independent Inspection Firm
- Quality Management Systems based on ANSI/ISO/ASQ Q9001 and SSPC QP 5
- Laboratory Accredited to ISO 17025 by A2LA (Testing Cert. #2455.01)
- Fully Integrated Environmental Health and Safety Support Team
- Largest Inspection and Coatings Equipment Sales & Service Center in North America
- Over 50 Highway Departments and Transportation Authorities Serviced
- 50 years of Litigation Support
- 1,000's of Coating Condition Assessments Performed
- Proven Coating System Recommendations with Life Cycle Cost Estimates
- Actively Lead Dozens of Industry Standard Development Committees
- Certified Nuclear Coatings Inspectors in Accordance with ASTM D4537
- Over 130 NACE Certified Coatings Inspectors
- Over 65 Certified Welding Inspectors



Coating Inspection

Independent Quality Assurance inspection services assist owners of industrial and commercial structures mitigate the risks of corrosion and deficient performance by verifying that the contractor's quality control practices achieve the desired final product as defined in the specifications. KTA inspectors are fully equipped with all of the instrumentation necessary to verify the quality of surface preparation and coating application, and are supported by KTA's professional consulting, laboratory, and instrument staff.

Laboratory Services

KTA laboratory services offer focused and objective analysis of coating failures that support critical remedial actions necessary to avoid recurring coating problems. KTA maintains a state-of-the-art coatings analytical laboratory, with the capacity to test hundreds of samples concurrently, an electrochemistry coatings laboratory, autoclave with hydrogen sulfide capability, accelerated weathering, abrasive testing, a coatings characterization laboratory, and a material performance laboratory for product qualification.



Instrument Sales, Service, & Repair

KTA is committed to providing knowledgeable technical support to service all inspection instrument sales and repair needs. KTA's instrument sales customers receive the full manufacturer's warranty while enjoying the convenience of one-stop shopping. Instrument experts help guide purchasing decisions. If KTA doesn't have an instrument you need, the research will be done for you. KTA's Instrument Management Program is offered to all, even if the instruments were not originally purchased from KTA.

To view our Online Instrument Catalog or order an instrument, visit KTAGage.com or call 1-800-582-4243.

Disaster Relief Services

KTA is experienced in the regulatory and statutory framework for the execution of natural disaster reconstruction. KTA is adept at working with FEMA, State and Local agencies to provide rapid response to clean up initiatives. KTA's expertise includes condition assessments of infrastructure, industrial facilities, commercial/residential buildings and monitoring of repairs and clean-up.





Steel Inspection

Steel Inspection is performed utilizing experienced and certified weld inspectors to verify the processes and quality of the fabrication and construction activities for bridges, buildings, tanks, pipelines, and other construction projects. KTA Steel Inspectors are also qualified and certified to inspect a wide variety of shop applied coatings.

Non-Destructive Testing

Non-Destructive Testing services are performed by qualified and certified personnel (in accordance with SNT-TC-1A). NDT methods include magnetic particle (MT), Dye Penetrant (PT), Ultrasonic (UT), and interpretation/coordination of Radiographic Testing (RT). ASNT Level III services include personnel training, qualification, and procedure development.



Concrete Inspection

KTA's concrete Inspection is performed by qualified and certified personnel to verify the process and quality of the fabrication and construction of precast/prestressed structures. Utilizing thoroughly trained and experienced inspectors, KTA observes, verifies, documents, and tests concrete in accordance with PCI MNL-116. KTA inspectors witness the fabricator's Quality Control (QC) personnel performing required concrete testing and documentation.

Building Envelope Inspection

KTA's building expertise is employed coast to coast. Trained and certified professionals help commercial building owners properly protect and maintain their vital structures and brand image. KTA provides building envelope inspection and consulting services to pinpoint sources of moisture intrusion, identify building envelope deficiencies, and determine the causes of coating and water repellent failures.

Once the problems are identified and the causes established, KTA recommends necessary building and coating repairs, develops repair specifications, and provides QA observations during remediation. Expertise includes office buildings, retail shops, malls, medium and big-box retail, apartments, commercial housing, and restaurants.





Contract Administration & Support

A KTA Project Manager is assigned to jobsites to act as the owner's representative during new construction or maintenance painting project. KTA can establish a candidate contractor list, review pre-qualification submittals and comment on candidates' conformance with the criteria outlined in the pre-qualification packages.

KTA can assist during pre-bid meetings by preparing an agenda, documenting attendance, presenting the project performance goals, answering questions about the technical specification(s), preparing minutes, and preparing a written response to questions.

Specification Preparation

KTA assists clients in selecting the proper coating system for their environment. Coating system recommendations are based on past experience or comparative testing in the laboratory or field. KTA can also prepare or review coating specifications and work procedures. KTA has prepared specifications ranging from water tanks to nuclear facilities, and supports architects and engineers across North America.



Coating Condition Assessments

The KTA CAPP® System (Coating Assessment & Painting Priority System) has been specially designed by KTA to assist facility owners in efficiently managing the corrosion protection of tanks, bridges, piping, and entire facilities through the use of protective coatings. KTA professionals conduct comprehensive surveys of the condition of the coatings on all elements of a structure or facility and enter the data into the CAPP® System program. The program allows KTA to identify the optimum and cost-effective time to touch-up, overcoat, or remove/replace the coatings on the individual components of entire structures or facilities.

Maintenance needs are forecasted for five or more years, together with the net present value cost and the future value cost of the work. The CAPP® System enables facility owners to optimize the use of available funds during future maintenance operations while controlling corrosion and its potential adverse effects on facility operations.

Coatings Consulting & Failure Analysis

KTA coating consultants have decades of experience investigating industrial coating failures, providing paint system recommendations, writing painting specifications, supporting litigation, and providing related professional services. KTA consulting services benefit all industries that employ high performance coatings and linings for the protection of assets from the adverse effects of corrosion and weathering.





Expert Witness Services

KTA senior consultants provide expert witness services to the coatings industry in the form of depositions and courtroom testimony based on knowledgeable field and laboratory investigations. KTA litigation cases include bridges, ships, structural steel in chemical facilities and manufacturing plants, hotels, condominiums, residential housing, storage tanks, swimming pools, and various other structures.

Forensic Coating Investigation

KTA has unmatched depth and breadth of expertise in determining the root cause of coating failures. KTA's consultants and laboratory personnel are independent Subject Matter Experts who have extensive knowledge across a multitude of industrial and commercial applications.

KTA's blends the analytical capability of a state-of-the-art laboratory with decades of field and inspection service. KTA is frequently sought out by owners, coating manufacturers, fabricators, contractors and attorneys to help resolve the most complex coating failures across the globe.



EH&S Services

Environmental, health, and workplace safety consulting, lead paint management, OSHA compliance programs, ambient air quality monitoring, and safety training are core services offered by KTA's Environmental, Health & Safety (EH&S) department. KTA also provides programs and consultation to applicators seeking to secure QP 1, QP 2, and QP 3 certification.

Training Services

KTA instructors are industry-recognized professionals that hold leadership positions in key technical societies, such as SSPC, NACE, and ASTM. Under the management of a full-time instructional designer, KTA instructors train adult learners using a combination of hands-on teaching techniques and interactive lectures/discussions. Instructors deliver state-of-the-art, technologically current learning experiences that the participants can immediately apply to their daily responsibilities.

Standard course offerings fully address the inspection of industrial surface preparation and paint application. Specialized courses focus on pipelines, nuclear, shop painting, and inspection instrument use.





Markets We Serve

- Architectural/Engineering
- Bridge
- Commercial Properties
- Marine/Shipbuilding
- Material Suppliers
- Nuclear
- Oil and Gas Production
- Offshore
- Petro-Chemical
- Pipelines & Terminals
- Power Generation
- Precast/Prestressed Concrete
- Railway
- Steel Fabrication
- Wastewater
- Water



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