

Thomas J. Kuhn

Solution Engineering Laboratory Technologist Field Technologist, Machinist

Thomas Kuhn provides technical services for Solution Engineering Laboratory and Field Service operations. He has extensive and diverse experience in tool design and fabrication, welding, machining, agricultural machinery maintenance and repair, machinery surveying, building and construction, field investigations, site documentation, video, lab testing, non-destructive testing, and photography. Mr. Kuhn has assisted engineers and architects with laboratory and field investigations and testing. His investigations have included a multitude of construction systems, including EIFS wall claddings, masonry, roofing, glass-curtain walls and steel and wood structures.

2019 Solution Engineering Group – Montgomery, Illinois
Technologist

- Fixture design and fabrication for customized testing on litigation, industrial and research projects.
- Expert machinist with 49 years of experience.
- Responsible for precision measurement and quality assurance.
- Knowledgeable in hydraulic design, fabrication and operation.
- Agricultural emphasis, experienced with farm equipment, including tractors, combines, implements, product transfer mechanisms and storage facilities.
- Expert welder.
- Forklift, bus and large truck operator.
- Conducts field inspections, on-site accident investigations, and site documentation
- Expert in documentation services, including photography and videotaping.
- Artifact collection, documentation, transport and preservation.

2012 – 2018 TT Technologies, Leaders in Trenchless Technology – Aurora, Illinois
Research and Development Department

- Fabricated prototypes and machine parts for field equipment
- Assisting with design, fabrication and testing of directional drilling, pipe bursting and pipe ramming equipment.

1984 – 2012 Packer Engineering, Inc. – Naperville, Illinois
Technologist

- Managed the laboratory machine shop.

- Participated in hundreds of field investigations, including non-destructive inspections and weld inspections for the utility industry
- Automobile, motorcycle, and off-road vehicle crash testing
- Vehicle preparation
- Certified welder
- Equipment evaluation and maintenance.
- Evidence retention
- Various field testing for the construction group including spray rack water intrusion testing.
- EIFS construction evaluation and documentation.
- Photographic and video documentation
- OSHA ten-hour course and confined space training

1970 – 1984 DuPage Precision – Naperville, Illinois

Tool Room Machinist, Foreman

- Foreman of the assembly department for hydraulic components
- Quality control
- Welding, millwright work and production tooling
- Shipping department and transportation

1954 – 1973 Agricultural Experience

- Grew up on the family farm and participated in all operations
- Volunteered for the past 30 years with The DuPage County Forest Preserve to run a working model of a 1950's farm
- Coordinates educational tours of the working farm to over 2,500 students and other groups throughout the year with over 30 volunteers

CERTIFICATIONS / LICENSING / OTHER EXPERIENCE

- Tool Room Machinist International Correspondence Schools
- Trained fork truck operator/man lift operator
- Commercial Driver's License
- Certified Inspector for Exterior Insulation and Finish Systems (EIFS), Exterior Design Institute.
- Certified Welder
- Hydraulic courses, Parker Hannifin
- OSHA Fall Protection 10-hour Training
- Member of the Illinois Farm Bureau
- Board of Directors / Trustee for the Friends of Danada since 2008 working on Restoration of the Dan and Adia Rice house and Banquet facility along with the Model farm