



PROFESSIONAL PROFILE

ALEXANDER ZURAN III, P.E.

VICE PRESIDENT & GENERAL MANAGER

PROFESSIONAL SUMMARY

Alex Zuran III has over 25 years experience in the Engineering Testing and Inspection field, providing services for clients in the construction, power generation, manufacturing, steel, refinery, fabrication, aerospace, and machining industries. Project responsibilities include managing overall projects, verifying project testing and inspection personnel, implementing procedures and determining testing methods as applicable to the specific project. Mr. Zuran will review and prepare project inspection scopes based on engineering plans and specifications and will normally participate during technical disputes or disagreements, often determining resolution.

CERTIFICATIONS/QUALIFICATIONS

Registered Professional Engineer - Civil, State of Arizona, Registration No. 32346
Registered Professional Engineer - Mechanical, State of Arizona, Registration No. 29365
Certified Level III in UT, RT, ET, MT, and PT methods, ASNT Certificate No. 14518
AWS Certified Welding Inspector, AWS Certificate No. 85050741
ICBO Special Inspector, Structural Steel and Welding, Certificate No. 66737
ICBO Special Inspector, Spray Applied Fireproofing, Certificate No. 74768

EDUCATION AND TRAINING

Bachelor of Science in Engineering, Purdue University, 1987
Two-year Certificate of Completion in Nondestructive Testing, Hutchinson Technical College, 1981
Safety Inspection of In-Service Bridges, NHI, 80 hrs., Dec. 1995
Causes, Detection and Evaluation of Corrosion, ASNT, March 1995
MSHA Training, St. Paul Fire and Marine Insurance Company, Phelps Dodge - Morenci, 24 hrs, Nov. 1994
Radiation Safety, MQS, 40 hrs., 1993
Dupont Safety Training Observation Program, Salt River Project, 1992
Vibration Signature Analysis, Technical Associates of Charlotte, 40 hours, 1992
Steam Turbine Fundamentals, American Society of Mechanical Engineers, 2.1 CEU, 1991
Digital Signal Acquisition and Processing, Electric Power Research Institute, 40 hrs, 1990
Radiation Safety Training for Industrial Radiographers, Gamma Industries, 40 hrs., 1979

PROJECT EXPERIENCE

- Gila River Power Project, Gila Bend, AZ, 2001-2003
- Kyrene Generating Station, Tempe, AZ, 2001-2002
- Griffith Energy Project, Kingman, AZ, 2000-2001
- Reliant Energy Desert Basin, Casa Grande, AZ 2000 - 2001
- Southpoint Power Project, Mohave, AZ 2000
- Miller Park Baseball Stadium Roof Structure, 1998-1999, Milwaukee, WI
- Querino Wash Bridge Inspection Repair Project, 1997, AZ
- ADOT Bridge Inspection Program, 1992-1994, Sub to Baker Engineers, AZ
- The City of Scottsdale, Inspection of Traffic Light Poles
- TengizChevroil, Kazakstahn (Russia), Automated Ultrasonic examination of pressure vessels
- Discover Card Building, Phoenix, AZ. Weld Inspection of Joists and Girders
- Ross Products Division/Abbott Laboratories, Casa Grande, AZ. Erosion/corrosion survey of process piping
- Salt River Siphon, Phoenix, AZ. Radiography on 21' diameter fabricated pipe
- Heber Geothermal Power Plant, El Centro, CA. Testing and Inspection during construction of power plants
- SRP Valley Piping Project, Phoenix, AZ. Erosion/corrosion program for three valley steam plants.
- Navajo Generating Station, Page, AZ. Heat exchanger, turbine, and boiler inspections during overhauls
- Blast Furnace Reline, East Chicago, IN. Weld inspection during major reconstruction of blast furnaces
- Resident Shop Inspector, Chicago Heights, IL. Shop Inspection of large Girder Bridges

EMPLOYMENT HISTORY

- Engineer for Phoenix National Laboratories, Inc., 1995 to Present
- Director Nondestructive and Mechanical Service for Western Technologies Inc., 1992 - 1995
- Senior Engineer for Salt River Project, 1988 - 1992
- NDT Technician for MQS, 1986 - 1988
- Resident Fabrication Inspector for Law Engineering Testing, 1985 - 1986
- NDT Technician for Calumet Testing Services, Inc., 1979 - 1985