



Phoenix National Laboratories, Inc.
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JEFF BARNES

INSPECTOR/NDT LEVEL II

PROFESSIONAL SUMMARY

Mr. Barnes has over 30 years experience working in the inspection and testing industry. He has worked as a Project Manager, Quality manager, Responsible Level III, and as a NDT technician. His experience ranges from that of small on call projects to multi-million dollar construction project. He has worked in the shipbuilding, building construction, shop fabrication, piping, fossil power and nuclear power industries.

CERTIFICATIONS/QUALIFICATIONS

Level II VT, MT, PT, RT and UT Methods (Past Level III in VT, MT, PT, RT and UT)

NAVSEA NACE Coating Inspector

ASNT Industrial Radiography Radiations Safety Personnel (IRRSP) Certified

AWS Certified Welding Inspector Cert. No. 12080181

City of Phoenix Special Inspector - Structural: Bolting, Welding, Cold Form, Wood; Architectural: Spray Fire Resistant materials (Mastic & intumescent fire-resistant coatings), Exterior insulation and finish system, Fire-resistant Penetrations and Joints; Mechanical: Duct smoke detectors, Fire & smoke dampers, Installation of grease duct enclosure & other cases.

EDUCATION AND TRAINING

Silverwing Scorpion B-Scan Training, (8 Hours), 2015

Eddy Vision Auto Analysis Training, Corestar, (8 Hours), 2015

Tomoview Software/Data Analysis Training, Lavender NDT, 2011

Basic and Advanced Phased Array Training with PDQ Examinations, University of Ultrasonics (80 Hours), 2011

Total Quality Management, U.S. Navy, 1991

Instructor/Curriculum Development, U.S. Navy, 1984 and 1992

Nondestructive Inspection School, U.S. Navy, 1981 - 1987

Basic and Advanced Welding, U.S. Navy, 1977

PROJECT EXPERIENCE

- Abener Teyma Carty, Visual and NDE During Construction of Combined Cycle Power Plant
- Newmont Mining, Eddy Current Testing and Analysis of Acid Plant Heat Exchangers
- Abengoa Solana TES Piping Systems, Ultrasonic Phased Array of Pipe Welds to ASME B31.3
- Brahama Group, Hugoton Biomass Biofuel Power Station, Ultrasonic Phased Array of Pipe Welds to ASME B31.1
- Abengoa Solana Boiler Outage, Certified Weld Inspection during repairs of Steam Boiler
- Abengoa Solar Salt Tanks, Radiography of Heavy Walled Tanks
- Freeport McMoran Safford, Eddy Current of Acid Plant Heat Exchangers
- Numerous Shipbuilding Fabrication and Repair Projects, Nuclear and Non-Nuclear
- Joint DARPA - Japanese Government Chemical Reactor CMSD San Diego - \$120 Million
- U.S. Navy SEAL School, Hyperbaric System Manufacture and Install, San Diego CA - \$25 Million
- Westin Phoenix Downtown Hotel, Phoenix AZ - \$100 Million
- U.S. Navy LCAC (Hovercraft) ESL Retrofit, Oceanside CA - \$22 Million
- U.S. Navy DSRV (Deep Submergence Rescue Vessel) Fleet Maintenance - \$50 Million Annually
- State of California Earthquake Retrofit - 13 Bridges

EMPLOYMENT HISTORY

- NDT Quality Manager, Phoenix National Laboratories, Inc. 2010 - Current
- Quality supervisor / NDT Level III, Goodrich ECD, 2005 - 2010
- NDT Level III / Welding Engineer, Continental Maritime, 2000 - 2005
- Quality Assurance Manager / NDT Level III, Tecnico Corp, 1998 - 2000
- NDT Level III, Industrial Marine Testing Laboratory, 1997 - 1998
- Chief Petty Officer, U.S. Navy, 1977 - 1997