

Education:

Fresno City College, Fresno, California

Certifications:

AWS QC1 – Certified Welding Inspector –
No. 92030091

ICC Special Inspector/Structural Steel/
Welding & High Strength Bolting
No. 0857686-85

Former City of L.A. Deputy Building
Inspector/Structural Steel and Welding,
No. 98-3540

City of Los Angeles Structural Spray
Applied Fireproofing & Fire Safety
Training

ASNT SNT-TC-1A Level II Ultrasound
Inspector

ASNT-SNT-TC-1A Level II Magnetic
Particle Inspector

ASNT-SNT-TC-1A Level Liquid Penetrant
Inspector

ASME Section IX (Navy Qualifications)
Nuclear Gauge Operator, No. 14987

Affiliations:

American Welding Society - Fresno
2nd Vice Chairman

American Welding Society – Fresno
Past Chairman, 1st Vice Chairman and
Secretary

Welding Advisory Committee – State
Community College District (Fresno City
College & Reedley college)

Welding Advisory Committee – California
State University Fresno – Engineering
Department

**Brad A. Bosworth, CWI****Materials Inspections Operations Manager**

Mr. Bosworth has over thirty-five years experience in all aspects of structural steel/welding inspection and nondestructive testing services. He presently maintains and manages a staff of eleven Certified Special Inspectors and laboratory technicians. He has vast experience with the welding and fabrication of tanks, valves, piping and structural steel building components. Mr. Bosworth has developed and implemented quality control and welder training programs. He also has extensive experience in ultrasonic testing, magnetic particle, and liquid penetrant testing.

Experience

Project Manager and Deputy Welding Inspector for many structural steel building projects; including:

Marian Medical Center, Santa Maria, CA

Dairyman's Cooperative, Turlock, CA

St. Joseph's Medical Center, Stockton, CA

Watsonville Hospital, Watsonville, CA

Leavenworth Elementary School, Fresno CA

Garfield Elementary School, Clovis, CA

Salinas Valley Medical Center, Salinas, CA

PG&E Gas Pumping Station, Avenal, CA (Piping)

Jet Engine Test Cell, NAS Lemoore, CA (Fuel Piping)

I5 Bridge Retrofits, Caltrans

West Valley Nuclear (Nuclear Pump Fabrication Inspections and NDT)

Madera High School, Madera, CA

So. Cal Edison, Piping Inspection for Powerhouse #2, Big Creek, CA

JD Heiskel Co. 120' Grain Towers, Tulare, CA

Huntsville, Alabama (Oil Transfer Pump Fabrication Inspections and NDT)

Elizabeth Terronez Middle School, Fresno, CA

Caltrans Maintenance Yard, Shaver Lake, CA

Multi-Story Projects:

Salinas Hospital, Salinas, CA

Marian Medical Center, Santa Maria, CA

Dairyman's Cooperative, Turlock, CA

Watsonville Hospital, Watsonville, CA

Madera High School, Madera CA

Employment Summary

Technicon Engineering Services, Inc, 1989 – Present

Operations Manager of structural steel inspection, nondestructive testing and steel materials testing division for Fresno, Visalia and Merced CA. offices. Conducted all phases shop and field structural steel, fabrication, and welding inspections. Relies upon an extensive background in the welding of structural steel and ASME pressure vessels involving the application of special welding processes, procedures, and techniques. Conducts procedure and welding qualification testing in accordance with AWS, ASME, and applicable state and federal codes and specifications. Perform test and inspections that involve liquid penetrant, magnetic particle, ultrasonic, x-ray, and codes: AWS, ASME, ASTM, API, UBC, and AISC. Conducts all phases of material testing applicable to structural steel and welding, and required machine work, including testing of reinforcing steel and mechanical couplers.

CMB Industries – 1986-1989

Proficiently performed all phases of carbon arc, welding (including FCAW, GTAW, SMAW, GMAW) and for high pressure water valves and strainers, and related components. Worked with special alloys including all types of stainless steel, monel, bronze, aluminum, and mild steel. Specialized in welding of copper alloys. Developed and qualified welding procedures and quality procedures to strict military, AWS, and ASME code requirements. Performed tests and inspections that involved liquid penetrant, magnetic particle, x-ray, and hydro testing under commercial and military ratings.

Peabody Floway Pumps – 1978-1986

Planned and performed mechanical and electrical installation, maintenance, and repair operations throughout the office and plant areas. Performed plumbing, pipe fitting installation, and serviced pumps and valves. Conducted fabrication and welding of numerous types of specially designed pressure vessels, pumps, valves and components to ASME, AWWA and API standards utilizing the GTAW, GMAW, SMAW, and FCAW welding processes. Proficiently performed and interpreted project plans and specifications.

