



SCHIFF ASSOCIATES

EDUCATION:

B.S. – Aerospace Engineering,
San Diego State University, CA

REGISTRATION AND CERTIFICATIONS:

State of California

Corrosion Engineer #CR 1137

NACE International

Cathodic Protection Specialist #7883

PROFESSIONAL ACTIVITIES:

NACE International

Tau Beta Pi

National Honor Engineering
Society

American Water Works
Association (AWWA)

American Society of Civil
Engineers (ASCE)



STEVEN R. FOX, P.E.

Chief Engineer

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Mr. Fox is familiar with water and multi-product petroleum piping and their associated facilities. Mr. Fox has 10 years of experience in designing, evaluating, inspecting, reviewing, and adjusting corrosion mitigation systems for water treatment plants, wastewater treatment plants, pipeline alignments, piping networks, underground fuel storage tanks, water reservoirs, barges, mooring dolphins, and sheet piles. Typical projects have included CP system designs, construction support, and troubleshooting as well as facility assessments and corrosion related failure investigations.

RELATED PROJECT EXPERIENCE:

As an engineer, Mr. Fox has performed the following tasks.

- Prepared soil corrosivity reports for new and existing structures.
- Designed cathodic protection systems for piping networks and reservoirs for various utility agencies.
- Performed construction acceptance inspections.
- Prepared detailed cathodic protection survey reports that provided system failure mechanisms and remedial recommendations.
- Performed stray current interference investigations.
- Identified electrical pipeline shorts compromising the functionality of cathodic protection systems.
- Determined location of anodic points and electrical discontinuities along pipeline alignments
- Conducted corrosion assessments and identified modes of failure for pipelines and waste water treatment facilities.
- Performed internal pipe inspections of reinforced concrete pipe, prestressed concrete cylinder pipe, pretensioned concrete cylinder pipe, and cement mortar lined and coated pipe.
- Prepared Cathodic Protection System Operations & Maintenance Manuals for various utility agencies.
- Reviewed various municipal standard drawings and specifications.
- Performed third party peer reviews of cathodic protection designs, facility evaluation report, and construction acceptance reports, both privately and publically.
- Taught at several corrosion control seminars.