



Principal Corrosion Engineer

Richard F. Yeager Jr., PE

Richard F. (Rick) Yeager Jr. is a California Registered Civil Engineer and an AMPP Certified Cathodic Protection Specialist with a broad background in corrosion engineering, inspections, and construction support services. Mr. Yeager has extensive experience in water and wastewater corrosion control and cathodic protection system designs, corrosivity assessments, pipe and coating materials of construction, and inspection and monitoring of installed piping systems. Additionally, Mr. Yeager has provided construction inspection services for projects that have included pipelines, water reservoirs, treatments plants, and roadways.

Project Experience:

As-Needed Corrosion Engineering Services & Annual Assessment

Provide Cathodic Protection Data Collection/Analysis and Performance testing of installed pipelines and reservoirs. To include monitoring, testing and troubleshooting all existing corrosion control facilities for corrosion. Performing coating assessments on process facilities, water treatment plants, and buried piping systems. Then assessing system damage and evaluating cathodic protection system performance and identifying repair or refurbishment requirements. A summary report listing all observations, conclusions, and recommendations is submitted at the completion of each annual assessment.

- **Otay Water District**
- **Ramona Municipal Water District**
- **Olivenhain Municipal Water District**
- **Santa Fe Irrigation District**
- **Leucadia Wastewater District**
- **San Dieguito Water District**
- **City of San Diego**
- **Padre Dam Municipal Water District**
- **Vallecitos Water District**
- **Helix Water District**
- **Mojave Water Agency**

Corrosion Control Evaluation and CP Design

Responsible for designing new and retrofit cathodic protection systems for buried metallic pipelines and aboveground water storage tanks. Designs, galvanic anode and impressed current, take into account soil conditions, coating options, power availability and other parameters in order to achieve the most cost effective means of long term corrosion protection in accordance with nationally accepted standards.

- **City of San Diego- Morena Pump Station & Conveyance System**
- **City of San Diego- Tierra Santa Pump Station & pipeline**
- **City of San Diego- 69th & Mohawk Pump Station**
- **City of San Diego- 30th St Pipeline Replacement**

YEARS OF EXPERIENCE

26

YEARS WITH FIRM

19

EDUCATION

B.S., Civil Engineering, California Polytechnic State University, 1997

AMPP

- Basic Corrosion Course, 1997
- CP Design I, 1999
- Cathodic Protection Certification Training, 2001

CERTIFICATIONS

California Professional Civil Engineer
No. C70686

AMPP: Cathodic Protection Specialist
No. 6321

Confined Space Entrant/Attendee

Certified DVBE/SBE Firm
(CA Dept. of General Services)

Certified SLBE Firm
(City of San Diego)

SCOOP Certified Firm
(SDCWA)

PROFESSIONAL AFFILIATIONS

Association for Materials Protection and Performance (AMPP) formerly NACE Int'l

- San Diego Section Chair, 2002-2003
- San Diego Section Trustee, 2003-2006

- City of San Diego- Pacific Beach Pipeline
- City of San Diego- North City Water Reclamation Facility
- City of San Diego- North City Pure Water Facility Expansion
- City of San Diego- Sloane PRS CP Design
- City of San Diego- Cielo & Woodman PS CP
- City of San Diego- Otay 2nd PL Phase I
- City of San Diego- Del Mar Heights PL ICCP Design
- City of San Diego- Sewer PS 79 CP Design and CSS
- City of San Diego- I-15 DAR/City 66: PL CP Design
- City of San Diego- Cal Trans I-905 Crossing CP Design
- City of San Diego- Upas Street Pipeline CP Design
- City of San Diego- Otay Mesa Trunk Sewer Casing CP Design
- City of San Diego- Torrey Santa Fe Road Pipeline
- City of San Diego- Design of Alvarado 2nd Pipeline Extension
- Padre Dam Municipal Water District- ESA Secondary Connection
- Eastern Municipal Water District- Cactus II Feeder TM CP Design
- Eastern Municipal Water District- Menifee Valley Reservoir
- City of Inglewood- Inglewood Pipeline Assessment
- City of Inglewood- Sanford TP Corrosion Assessment
- City of Orlando, FL- Orlando Reuse Pipeline
- City of Ontario- San Antonio Transmission Water Main project
- Orange County Water District- GWR Pipeline
- Eastern Municipal Water District- Design of the Murrieta Road Transmission Pipeline Improvements
- Eastern Municipal Water District- Desalter pipelines Phase II
- Eastern Municipal Water District- Reach 16-2 RW Pipeline
- Eastern Municipal Water District- Nuevo Road I-215 Pipeline
- Eastern Municipal Water District- Well 57 Pump Coating Inspection & CP Design
- Padre Dam Municipal Water District- Sky Ranch Pipeline, PS and Reservoir CP Design
- Las Vegas, NV- Nellis Air Force Base Visiting Quarters, Maintenance building, and Headquarters Building
- Irvine Ranch Water District- Zone 3 Reservoir CP
- Otay Water District- 680/944 Pipeline
- City of Del Mar- 21st St & 7th St Pump Station Cathodic Protection
- Leucadia Wastewater District- B2, B3, L1, L2 FM CP Repairs
- County of San Diego- Harbison Canyon SLS Corrosion Assessment
- Eastern Municipal Water District- Bridge RW Pipeline CP Design
- Vista Irrigation District- HP Tank CP Design
- Lake Havasu City- BS 1C CP Design
- Otay Water District- Heritage Rd PRS CP
- Las Vegas Valley Water District- Reservoir 3665 CP Design
- Las Vegas Valley Water District- Design for Summerlin 3895 Pipeline
- Helix Water District- 36-inch CML&C Pipeline CP
- MNWD- Regional LS FM Replacement CP
- SMWD- Reservoir CP System and Anode Well Survey
- Coachella Valley Water District- Salton Sea SCH PS and PL CP

- NACE Int'l Policy Committee, 2006-2012
- AMPP Policy Chair, 2012-2015
- AMPP Policy Past Chair, 2015-2018

American Society of Civil Engineers (ASCE)

CONTACT INFORMATION

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More Experience Available Upon Request