

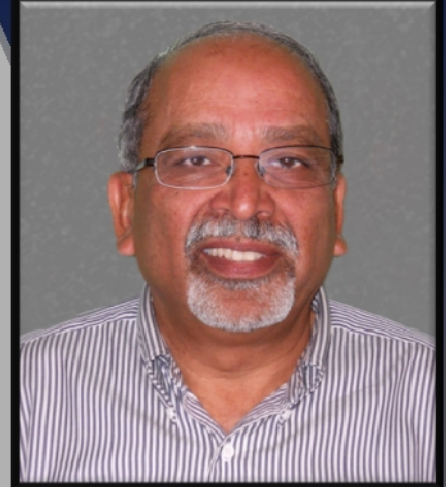
## MOHAMMED ALI, P.E.

### SUMMARY

Over thirty (32) years of experience in all phases of corrosion engineering including design engineering, research and development, construction inspection services and construction management. Has successfully worked with clients in the fields of marine, petroleum, chemical, mining and minerals, water and wastewater treatment and transmission, electric power industry, transportation systems, municipalities and state and federal government agencies. Special areas of expertise include AC mitigation & cathodic protection design, installation, monitoring, troubleshooting, surveying, adjusting and repairing for underground pipelines, pile supported structures, seawalls, retaining structures, marine vessels, storage tanks, condenser water boxes, cooling water lines, intake structures, traveling screens and water wells. Additional expertise in coating specifications and inspection and material selection and corrosion prevention design for building components for marine atmospheric exposure conditions.

### PUBLICATIONS & SEMINARS

- ▶ Ali, M. & Al-Beed, A. (April 1999). Titanium Ribbon Anode Grid Type Cathodic Protection System for Above Ground Storage Tank Bottoms with Double Containment, Paper No. 289, NACE CORROSION 99, San Antonio, TX
- ▶ Ali, M., Chaudhary, Z., & Al-Muhid, T. (April 1999). Design and Operating Characteristics of Cathodic Protection Systems Associated with Large Seawater Intake Reinforced Concrete Structures in the Arabian Gulf, Paper No. 364, NACE CORROSION 99, San Antonio, TX
- ▶ Ali, M. & Al-Beed, A., (1998). Tank Bottom Corrosion Caused by Inappropriate Construction Practices, Materials Performance, Volume 37, No.9, National Association of Corrosion Engineers, Houston, Texas
- ▶ Ali, M. & Al-Ghannam, H. (1998). Cathodic Protection for Above Water Section of a Steel Reinforced Seawater Intake Structure, Materials performance, Volume 37, No. 6 National Association of Corrosion Engineer, Houston, Texas
- ▶ Ali, M., Rashwan, S. & Salad, A. (December 1994). Installation Practices, Operating Guide- lines & Trouble Shooting Techniques for Large Impressed Current Cathodic Protection Systems Associated with U/G Systems, SABIC Conference
- ▶ Ali, M., Bairamov, A.K., & Salamah, K.I., (March 1998). Failure Analysis of Incinerator Equipment, Paper No. 6C1, SABIC Conference
- ▶ Ali, M. & Al-Beed, A. (April 1999). Evaluation of Seawater Piping System After 15 Years of Service, Paper No. 328 NACE CORROSION 99, San Antonio, TX
- ▶ Ali, M., Bairamov, A.K., & Omrani, K. (October 1998). Cathodic and Anodic Dissolution of Aluminum in Sea Water, EUROCORR 98, Utrecht, Netherlands
- ▶ Ali, M. & Howard, Jr, J.D. (1990). Corrosion Investigation and Cathodic Protection Feasibility of Steel H-Piles, NACE Corrosion Conference



### EDUCATION

*Bachelor of Science -*

Electrical Engineering, Middle East Technical University, Ankara Turkey

*Graduate Work -*

Dept of Electrical Engineering, Georgia Institute of Technology, Atlanta, Georgia

### REGISTRATIONS & CERTIFICATIONS

- ▶ Registered Electrical Engineer, CA and GA
- ▶ Registered Corrosion Engineer, CA
- ▶ Certified Corrosion Specialist, NACE
- ▶ Certified Cathodic Protection, Coatings and Material Selection Specialist
- ▶ Certified NACE Instructor

### EXPERIENCE

*Vice President*

**JDH Corrosion Consultants, Inc.**  
Concord, CA  
2005 - Present

*Engineering Manager*

**JDH Corrosion Consultants, Inc.**  
Concord, CA 1999  
- 2004

*Manager-Materials and Corrosion Section*

**SABIC R&D**  
Jubail, Saudi Arabia  
1992 - 1999

*Engineering Manager and Vice President*

**Corrosion Engineering & Research Company (CERCO)**  
Concord, CA  
1987- 1991

