





Two-Day Training on Cathodic Protection Systems & Routine Monitoring, Maintenance, and Coating Integrity Surveys (CIPS, DCVG, CAT, A-Frame)



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Evolve by TCR 215, Pancham Icon, Vasna Road, near D-Mart, Vadodara, Gujarat 390007



Fees: INR 20,000/for single person + GST 18% extra.



10% Discount on total amount of invoice for 03 or more nominations from the same organization.

# **Course Content**

- Fundamentals of corrosion and pre-design site survey to initiate the implementation of Cathodic Protection projects on an EPC basis.
- Design and engineering of a well-planned Cathodic Protection system to protect buried or submerged structures.
- Procurement, installation, and commissioning of the Cathodic Protection system.
- Monitoring and maintenance of the Cathodic Protection system.
- Coating integrity surveys, including CIPS, DCVG, CAT, and A-Frame surveys.
- · Q.A. and Feedback.

### **Who Should Attend**

- Maintenance Managers/Engineers
- Mechanical and Process Managers/Engineers
- · Inspection & Reliability Managers/Engineers
- Plant Managers
- Asset Integrity Managers
- · Technical Consultants

# **Objectives of the Training Programme:**

- Build a Strong Foundation in Corrosion Control: Provide participants with a clear understanding of corrosion mechanisms and the fundamental role of cathodic protection (CP) in mitigating corrosion in buried and submerged structures.
- Conduct Effective Pre-Design Site Surveys: Train participants to perform sitespecific assessments that form the basis for the design and successful implementation of CP systems.
- Design and Engineer Robust CP Systems: Equip attendees with the knowledge to develop efficient and technically sound CP systems tailored to project and environmental requirements.
- Ensure Successful Installation and Commissioning: Guide participants through best practices in procurement, installation, and commissioning to ensure long-term CP system integrity.
- Implement Routine Monitoring and Maintenance: Enable participants to apply standard procedures for ongoing monitoring and maintenance, ensuring continued protection performance over the asset lifecycle.

# **Meet The Faculty**



#### Mr. Chiral Patel

- · He holds , an MBA in Marketing with advanced diplomas in Corrosion Control from the UK and India, brings over 20 years of expertise in Cathodic Protection and corrosion prevention. He has worked with top Oil & Gas PSUs and consultants across India and the Middle East. His core strength lies in corrosion inhibitors, coatings, and CP systems. He has a strong academic base in Chemistry and hands-on field experience.
- He is skilled in ICCP, sacrificial anode systems, and industrial water treatment solutions. His work spans pipelines, refineries, offshore structures, and storage tanks. Mr. Patel also conducts soil surveys, CP testing, and post-commissioning audits like DCVG and CAT. He is proficient in water quality analysis and CP material specifications.

# Mr. Paresh Haribhakti, MD

- · He holds a post-graduate degree in Materials Technology from M.S. University, providing him with a solid academic foundation in metallurgy and materials science. With a leadership role at TCR Advanced Engineering Services, he has accumulated extensive experience in metallurgical engineering, and has solved over 9000+ industrial challenges. He is expert in risk mitigation and
- Paresh has authored 'Failure Investigation of Boiler Tubes: A Comprehensive Approach', published by ASM International, USA. He passionately advocates for eliminating failures across industries and working towards predicative approach. His commitment to advancing knowledge and expertise is evident through his active participation in global conferences and contributions to leading metallurgical journals. He is an acclaimed expert for damage mechanism of oil & gas, refinery, petrochemicals, power, fertilizers.



For NFET/ RTGS/ Bank transfer:

**Account No:** 05730400000034

IFSC: BARBOINDMAK (5th letter is zero)

Bank: BOB, Makarpura Branch

Merchant Name: TCR ADVANCED ENGINEERING PVT LTD

**UPI ID:** tcrad93762@barodampay

QR code for payment





