



Reactor Effluent Air Cooler: Inspection, Condition Assessment, FFS and FI

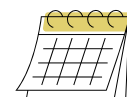


Evolve by TCR

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.**



**14th & 15th
November 2024**

Course Content

- Role of REAC in Hydrotreating I cracking
- Materials for REAC tubes and header
- Design consideration for REAC
- Role of NACE material certification and testing
- Current standards and its role
- Operational aspects and water injection for REAC
- Damage mechanisms and mitigation
- Inspection during fabrication and in-service
- Failure investigation of REAC components
- Fitness for service assessment
- NDT methods & limitations for REAC application
- Improving the reliability based on present condition

Who Should Attend

- Inspection Engineers
- Maintenance Engineers
- Reliability Engineers
- Plant Managers
- Operations Managers
- Process Engineers
- Asset Managers
- Quality Assurance/Control Professionals

Objective

Understanding REAC damage mechanisms and optimizing operations are critical for safe, reliable performance. With numerous refinery failures reported worldwide, TCR is committed to sharing expertise and knowledge to prevent such incidents and ensure operational excellence.

About Faculties



Mr. Paresh Haribhakti, MD

Education: 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.

Experience: With a leadership role at TCR Advanced Engineering Services, he has accumulated extensive experience in metallurgical engineering, and has solved over 8000+ industrial challenges.

Expertise: 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.

Mr. Hemant Pradhan

Education: He is graduate in Mechanical Engineering.

Experience: 38 years of experience in design, detail engineering services, projects, inspection, mechanical construction, procurement, estimation etc. for fertilizer and petrochemical plants and projects.

Expertise: Mr. Pradhan has headed various Departments like Inspection, Mechanical Construction, Workshop and Phosphoric Acid and Fibre Unit plants.



Mr. Ketan Upadhyaya

Education: Bachelor degree in Metallurgical engineering, PGD in computer science.

Experience: He has experience of 25 years in the field of NDE, Acoustic emission techniques, Vibration measurement and signature analysis, Failure Investigations, microstructure interpretation, Scanning electron microscopy and digital imaging system

Expertise: He is a qualified level II for Acoustic Emission testing (IISC Bangalore), Vibration Analyst VT-II (Entec IRD) and Ultrasonic Flaw Detection (EEC Mumbai) techniques



Mr. Nikhil Sabhaya

Education: He is a post graduate in Metallurgy.

Experience: He is having hands on experience in Industries in the field of Boiler RLA NDT for more than 5 years. He is an ASNT level III in MT, PT testing. His in hand experience in NDT field and understanding of various national & international codes is useful in formulating test procedures for various testing activities.

Expertise: He has working experience in NDT testing at various Power projects, Petrochemicals, Refineries, Structural and Automobile Industries. Independently, He can train, perform and witness, MPI and LPT. He has an expertise in NDT and the application of various NDT methods for solving problems of Industry.



Payment Details

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



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