



**Venue:** TCR Advanced Engineering, 250/9, GIDC, Makarpura, Vadodara, Gujarat

**Dates:** 25<sup>th</sup> and 26<sup>th</sup> April 2014. Timings: 9 30 am to 6 pm.

### Course Need:

- Understating of damage mechanisms prevailing in the reformer tube
- Gain a valuable practical understanding of principles of degradation that occurs in short term and long term operation of reformers.
- Design aspects leading to failures.
- Welding issues related to reformer.
- Metallurgical understanding of the reformer tubes.
- Knowledge to increase the problem solving attitude and take the first hand judgment on the reformer tube failures.
- Attitude to analyze the difference in metal behavior helps to decide better mitigation to the persistent tube failures;
- Recognize general procedures, techniques and precautions in failure analysis and how stress systems relate to fracture of ductile and brittle materials.
- Achieve the knowledge required to conduct or supervise basic failure investigation and effectively communicate with metallurgists & other experts on more complicated cases. Invention to improve reliability of company operations, cost savings, increase profitability, and enhances safety.

### Who Should Attend?

- Mechanical Engineers of middle management level
- Maintenance / Inspection Engineers
- Process engineers
- Plant Engineers / Managers
- QA / QC Engineers
- Reliability Engineer
- Metallurgical / Materials Engineers
- HAZOP Engineers / Managers
- Other Technical, Laboratory, Sales Personnel, Engineer from other disciplines, management and administrative staff who need a working understanding of metals and their applications.

### Registration:

The course is limited to 15 candidates only. The allocation will be considered on first come first serve basis. Interested candidates can register their names in attached registration form. Participants have to make their own arrangements for accommodation and local conveyance. The course fee is non-refundable; however in case of cancellation of training course by TCR, it will be refunded. TCR accepts the change in nomination. The course fee includes participation, course material, and stationery. Tea / coffee and working lunch will be provided.

### Course fee:

Single participant: Rs. 15000.00

10 % discount in case of 3 or more participants from same organization.

Service tax @ 12.36 % applicable on above fees

### Payment terms

Interested participants should mail/ E-mail the registration form along with DD/at par cheque in favour of "TCR ADVANCED ENGINEERING P LTD." at address mentioned in registration form. Contact Mr Gopul Patel General Manager for any further queries.

### Forward your Registration form to:

**Gopul Patel**

**General Manager**

TCR Advanced Engineering Pvt. Ltd.

250/9 GIDC, Makarpura, Vadodara.

Ph: 0265-2657233, 2636329

Email: [testing@tcradvanced.com](mailto:testing@tcradvanced.com)