

Two days intensive training program on “Corrosion Under Insulation”



Dates: 4th & 5th October, 2019

Timing: 9:00 am to 6:00 pm

Venue: Evolve by TCR, 215 Pancham Icon, Nr. D-mart, Vasna Road, Vadodara, Gujarat.

Course Specification:

Corrosion is a major issue eroding the profits of an organization and out of various corrosion phenomenon, the corrosion occurring on insulated piping/ equipment at any facility is particularly difficult to track & prevent with a possibility of surprise disruption in operation and causing loss of production and increased maintenance costs which ultimately causes erosion in profits. CUI, therefore needs to be combated and tamed e.g. brought under control through systematic efforts. New plants under construction must take cognizance of leaning from CUI incidents and shall use specifications on Painting, Insulation which already incorporate these leaning.

Course Content:

The course content will cover why CUI has become a major problem in today's context and also various corrosion mechanisms which affect the insulated piping/ equipment and the major parameters which influence the rate of degradation, various NDE methods available and successfully used to detect CUI.

The candidate will learn the strategies for defining scope of work for detecting CUI based on RBI (Risk Based Inspection) approach. The NACE RP 0198 and API RP 583 will be discussed in detail and so also the leaning from various published case studies on CUI.

The candidate will also understand how the leaning from CUI incidents are incorporated while developing specifications for painting and insulation for NEW plants.

Who should attend?

- Inspection/Corrosion Engineers
- Maintenance Engineers, Operations Engineers, Design Engineers, Project Engineers, Construction Engineers, Reliability Engineers etc.

Topics to be covered:

DAY 1

Session 1 - History and introduction to Corrosion Under Insulation (CUI)

Session 2 - How does CUI occur

Session 3 - How to detect CUI – Methods

Session 4 - How to detect CUI – Strategies

DAY 2

Session 5 & 6 - How to combat CUI (Operating Plant & New Plant Painting)

Session 7 - How to combat CUI (New Plant Insulation)

Session 8 - Case study

Benefits to the candidates from this course:

Obtain awareness of a major corrosion mechanism that affects insulated piping/ equipment

Understand the primary parameters that influence the rate of degradation and how to develop strategies for the detection of CUI & CUI Mitigation

Obtain information on all engineering disciplines that are associated with the design, inspection and maintenance of insulated piping/ equipment including information on the types of insulation, external weather protection and protective coatings currently in use.

Registration:

The course is limited to **25 candidates** only and participation will be decided on first come first served basis. Interested candidates can register by filling attached registration form. The course fee includes participation, course material and stationery. Tea / coffee and working lunch will be served. Candidates have to make their own arrangements for accommodation and local conveyance. The course fee is non-refundable; however, in the event of cancellation of training program by TCR for some unavoidable reasons, it will be refunded. TCR accepts the change in nomination.

Course fee:

Single candidate:

Rs. 12,000.00 for Indian delegates

USD 250 for Foreign Delegates.

GST @ 18.00 % applicable on above fees.

Payment mode:

Interested candidates should post/ E-mail the registration form along with DD/at par cheque in favour of "TCR ADVANCED ENGINEERING P LTD." at the address mentioned in attached registration form.

Faculty:

This course will be conducted by renowned expert with vast experience in Oil, Petrochemical & Fertilizer Industry.



Mr. Prakash Shende

He is a 1970 graduate in Mechanical Engineer from VJTI Mumbai. He also completed his AMIE in Chemical Engineering from Institute of Engineers India.

He has over 44 years of work experience in Oil, Petrochemical, Fertilizer Industry. He has worked in renowned and reputed companies like Reliance Industries Ltd., Bharat Petroleum Corporation Ltd., Hindustan Petroleum Corporation Ltd., Essar Oil Ltd., Gujarat State Fertilizer Co., Finolex Industries Ltd., Humphreys and Glasgow Consultants etc. in India and had a 2-year stint in PEQUIVEN in Venezuela.

For last 3 years post retirement he has been conducting many technical programs evolved to make the Plants operate reliably meeting the production targets.

Corrosion under Insulation is one such subject which has tremendous potential to improve uptime of the Plant and the subject is dear to him. He has trained, mentored many Engineers in this subject during his service career and as well through the 2 days training program.

Forward your Registration forms to:

Mr. Rajesh Lakhnotra

HOD - Training

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Registration form can be downloaded from our website:

<http://tcradvanced.com/coursecalender.php>

For more course details, check our FB page: -

<https://www.facebook.com/EvolveTCR/>