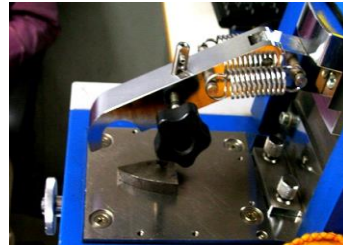


One-day intensive training on “Physical & Chemical testing of metals”



Dates: 9th November, 2019

Timing: 9:00 am to 6:00 pm

Venue: Evolve by TCR, 215 Pancham Icon, Vasna Road, Vadodara, Gujarat.

Course Objective:

- The main objective of this course is to understand significance and importance of preliminary tests like Chemical & Mechanical.
- Gain a valuable working understanding of use of Physical & Chemical Testing
- Achieve the knowledge required to conduct or supervise Physical & Chemical Testing of Metals
- Recognize general procedures, techniques and precautions in Physical & Chemical Testing
- Make yourself aware of requirements of ISO/IEC-17025 related to chemical and mechanical testing.

Course Content:

- Introduction to destructive & non-destructive test for chemical.
- Introduction to material properties
- National International standards for mechanical & chemical tests.
- Types of Chemical Tests & Mechanical Tests
- Introduction of Tensile test.
- Types of Hardness test
- Flaring & flattening test for tubes & pipes
- Introduction of Impact test
- Calibration requirements for material testing.
- Specific requirements of ISO/IEC-17025 for chemical and mechanical

Who should attend?

- Maintenance / Inspection Engineers
- QA / QC Engineers
- Metallurgical / Materials Engineers
- Other Technical, Laboratory, Sales Personnel, engineer from allied disciplines, management and administrative staff who need a working understanding of metals and their applications.

Registration:

The course is limited to 25 candidates only and 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 participant:
Rs. 6,000.00 for Indian delegates
USD 150 for Foreign Delegates.
GST @ 18.00 % applicable on above fees.

Payment mode:

Interested candidates should mail/ 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.

Forward your Registration forms to:

Mr. Rajesh Lakhnotra, HOD - Training
TCR Advanced Engineering Pvt. Ltd., 250/9 GIDC,
Makarapura, Vadodara, Gujarat. Ph: 0265-2657233,
7574805594-96
Email: evolve@tcradvanced.com
Mobile: +91 7574801050

Registration form:

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

More details:

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

Faculty:

The course will be conducted by renowned experts with vast experience in respective field.



Mr. Paresh Haribhakti
MD, TCR Advanced

Authored the book titled as "Failure Investigation of Boiler Tubes".

With an experience of 29 years in metallography and microstructure, Paresh Haribhakti has solved more than 4000 industrial issues. Being the pioneer in the field of in-situ metallography and Materials engineering, he has an expertise in petrochemical plants, oil and gas transmission pipelines, offshore structures, ships, pharmaceutical plants, food processing equipment, gas turbine engine components and weldments.



Mr. Gopul Patel
GM, TCR Advanced

He has an extensive knowledge of vacuum Technology and has worked as scientific officer at Department of science and technology sponsored research centre

He is qualified as NDT level II in M.T., P.T., U.T. and E.T
He has experience of various advanced methods of material characterization and has worked extensively in the field of microscopy
He is actively involved in establishing new testing facilities at lab as well as on site



Mr. Kamlesh Rana
Technical Manager
TCR Advanced

He has vast experience of fabrication and forging fields.
He has more than 20 years of experience.

He is qualified internal auditor for ISO 9001 and has handled API audits and also headed quality and assurance department of various forge-shops.



Mr. Vishal Soni
In-charge – Chemical & Corrosion
TCR Advanced

He has more than 10 years of experience in mechanical, chemical and corrosion testing
His area of speciality is Spectro & corrosion testing

He is well familiar with ASME/ASTM/DIN/IS codes
He was the key person for metallurgical testing in UC Benchmarking Project of L & T.

Key Benefits:

- ✓ Providing delegates with a practical understanding of Raw material identification & recertification.
- ✓ Understanding QC / QA tools for incoming material inspection
- ✓ Understanding the method of Third Party verification

Training Sessions
Topics
Introduction to destructive & non-destructive test for chemical
Introduction to material properties
National International standards for Mechanical & Chemical tests.
Types of Chemical & Mechanical tests
Introduction of Tensile test
Flaring & flattening test for tubes & pipes
Introduction of Impact test
Calibration requirements for Material testing.
Specific requirements of ISO/IEC-17025 for chemical and mechanical
Types of Hardness test