

Webinar for Design and Fabrication Requirements of Shell and Tube Heat Exchanger as per Tubular Exchanger Manufacturer Association (TEMA) Standard

Date : 10th Oct 2021, Time: 10:00 AM to 1:00 PM



Course Features

This course is designed to provide basics inputs like, basics of heat exchangers, classification on the basis of construction and application, minimum defined sizing and tolerances as per Tubular Exchanger Manufacturers Association (TEMA) standard.

Course Objectives

This course will give basic inputs to all personnel involved in construction / use of Shell and Tube Heat Exchangers, make them understand and implement specific requirements of the Tubular Exchanger Manufacturers Association (TEMA) standard during day to day activities and ensure compliance.

Who should attend?

The intended audience for this course includes:

- ♣ QA / QC, Production, Fabrication, Engineers & Managers
- ♣ Inspection Engineers, Independent QC Consultant
- ♣ Design Engineers, Draftsman
- ♣ Marketing & Estimation Engineers/ Managers
- ♣ Representatives of process industry

Issue of Certificate

Certificate of successful attendance shall be issued to all the delegates who attend entire duration of the course.

Registration Fee : Rs. 1,500 + 18 % GST Per Participant

To know about all our Online Training Programs scan adjacent QR Code

To Register and Pay : [Click Here](#)

Registered & Head Office-

801, Raheja Plaza I, LBS Marg, Ghatkopar (W), Mumbai 400 086

Email: trainingindia@tuv-nord.com Tel: +91-22-66477000

Website: www.tuv-nord.com/in

Toll Free: 1800-209-0902

TÜV®

Course Contents

- ♣ Basics, type and application to Heat Exchanger
- ♣ What is TEMA Standard, Scope of TEMA, Definition of TEMA Class "R", "C" & "B"
- ♣ Heat Exchanger Nomenclature, Type Designation, Components of Heat Exchanger
- ♣ Heat Exchanger Specification Sheet
- ♣ General Requirement of Design Pressure, Testing & Metal Temperature
- ♣ Corrosion Allowances
- ♣ Tube Lengths, U Tube requirements, Tube Pattern, Tube pitch
- ♣ Shell and Cover Minimum thickness requirements
- ♣ Baffle types, thickness & clearances, tube holes in baffles
- ♣ Floating Head types
- ♣ Gasket type & Materials, Partition Gaskets, Gasket joint details
- ♣ Tube sheet minimum thickness, configurations, steps for thickness calculation procedure as per Appendix-A
- ♣ Tube hole diameter & tolerances, tube hole finish and tube hole grooving
- ♣ Expanded Tube-to-tube sheet joints (percentage of expansion, length of expansion, tube projection), Welded tube-to-tube sheet joint
- ♣ Tube sheet Partition Grooves, Tube sheet Pulling Eyes, Clad & Faced tube sheets

Duration: 180 Minutes (3 Hours)



TUV India's Customer Friendly Mobile App

TUV INDIA TRAINING ACADEMY (TITA)



Our user friendly mobile application is developed to provide constant connect with our customers and participants along with hands-on information about the latest offerings of TUV India Training Academy. The app is also apprising the users on diverse service portfolio of TUV India along with latest developments related to our company.

Some of the highlights of our app are:

- **Available on Android- Google Play Store & iOS Apple Store**
- **Provides overview about TUV India (TUV NORD GROUP), our services and latest developments**
- **Details about TUV India Training Academy offerings**
- **Training Schedules – both Class Room and Online Trainings**
- * For each training, the app provides Course Features, Who should attend, Course Contents, Pre-requisites etc
- * Link for Registering for the course of choice with integrated payment gateway
- * Payment History (Receipts, Invoices)
- * Certificates for attended programs based on user eligibility
- * Notifications related to new offerings and sessions
- * Contact us with linked email or phone (toll free number)
- * Individual User Profile



To Download : Scan adjacent QR Codes or click on
For Android : <https://play.google.com/store/apps/details?id=com.tuvindia.apps.tuvindiatrainingacademy>
For iOS : <https://apps.apple.com/in/app/tuv-india-training-academy/id1529091701>
For Any Queries :
Write to : trainingindia@tuv-nord.com
Call : 1800-209-0902



Registered & Head Office :
801, Raheja Plaza I, LBS Marg, Ghatkopar (W), Mumbai - 400086
Tel: +91-22-66477000 / 25007000 / 05 | Email : infoindia@tuv-nord.com