



Charisma Education Pvt. Ltd.

Training program on **Piping Design and Stress Analysis as per Code using Software for Process Industries**

Vadodara, Gujarat, India, 3 Days, Year 2019

A training program on **Piping Design and Stress Analysis as per Code using Software for process Industries** will be organized by Charisma Education Pvt Ltd.

OBJECTIVE:

This 3-day program is designed to refresh the engineers for the Piping and Pipeline design as per ASME B31 and Inspection of the piping systems and their evaluation of fitness-for-service. Practical aspect of design considerations, sizing, rating, pipeline integrity, internal inspections, stress analysis, pressure testing shall be presented. This will include instructions and guidelines on the applications of relevant codes & standards and use of stress analysis software shall be covered.

Program Contents:

Day 1:

Introduction of Plant Piping Design and Role of Stress Analysis
Engineering of Piping to ASME B31.3
Piping Codes & Standards
Selection of Pipes & Fittings
Pipe Thickness Calculation, Rating
Engineering Materials Selection for Piping Systems
Metallic Piping Design as per ASME B31.3

Day 2:

Non-metallic Piping Design as per ASME B31.3
Gas Transmission Piping Design to ASME B31.8
Expansion Joints
Piping Supports
Flexibility Stress Analysis
Orientation of stress analysis software for designs under ASME B31.3

Day 3:

Understanding Damages to Piping system during operation
Piping Inspection Code, Evaluation, Analysis, API570
Inspection Practices while Piping System is Shutdown API574
Other Software of Pipe Sizing & Stress Analysis
Orientation of stress analysis software for designs under ASME B31.3,

This program shall prove useful for Experienced Professionals who wish to brush up their knowledge and stay abreast with the latest in the industry. This would provide you an edge amongst all. Engineers and Technologists and fresher from varied technical background interested in learning more about **Piping Systems, Design & Stress Analysis**.

The program package includes;

1. Comprehensive study and reference material of 150+ pages to each participant.
2. Lectures by renowned experts of 30+ years of experience in the Industry

Our clientele include Oman Refinery, Qatar Petroleum, QAPCO, Oman Gas, PDO Oman, L&T, ABB, TCE, EIL, GAIL, IFFCO, GSFC, IOC, RELIANCE, LINDE, REAL,



Charisma Education Pvt. Ltd.

BHEL, TRANSPEK, ONGC, PRAJ, Tecnimont ICB, MECON, Chennai Petroleum, SAIPEM, Inspectorate of Boilers and Factories, Nirma & many others who have benefited from technical programs conducted regularly by us.



METHODOLOGY

1. Technical Sessions
2. Problem Solving Sessions
3. Case Studies

DATE & TIME

Place- Vadodara, Gujarat, India

Date- 3 days, **Year 2019**

Time: 10.00 AM- 5 PM

VENUE

Charisma Education Pvt Ltd.

302 Sunsilver Apartments, Nr. Akota Garden, Productivity Road,
Vadodara 390020

REGISTRATION

The Registration fees:

Indian Participants:

Rs. 30000 per delegate

The fee may be sent to us in the form of a Cheque drawn in favour of **Charisma Education Pvt Ltd.**, payable at Vadodara.

You may also pay the fee through bank transfer, the detail of which will be made available after the formal registration of the candidate.

CONTACT

Charisma Education Pvt Ltd.

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