

Engineering Fundamentals of Piping & Pipelines (ASME B31.3, B31.4 & B31.8)



Six Days Session

**October 24th to 29th
2020**

COURSE OBJECTIVE

Upon completion of the course, participant should acquire good knowledge on design, construction and inspection of piping systems, which include process plant piping as well pipeline. The course provides emphasis on understanding the ASME Codes (B 31.3, 31.4, 31.8, 16.5 & B16.47).

Muhsen AlSannaa

The instructor is an experienced piping & pipelines consultant with over 35 years solving various field problems in his area of expertise, reviewing design projects, performing piping stress analysis. He has developed standards, research concepts & SOW. He was a leader for engineers & designers.

Course Outline

- ~ Piping Systems Types
- ~ Applicable Codes & Standards
- ~ Material Selection for Piping Systems
- ~ Manufacturing of Line Pipe
- ~ Pipe Wall Thickness Calculations (ASME)
- ~ Flanges-Gaskets Types & Selection
- ~ Valves Types, Manufacturing & Testing
- ~ Control Valves Types & Function
- ~ Plant Piping Layout
- ~ Construction of Process Piping
- ~ Inspection and Pressure Testing
- ~ Pipeline Design and Construction
- ~ Hot Tapping for Piping and Pipeline
- ~ Typical Field Problems in Piping
- ~ Piping Vibration Types & Causes

CONTACT INFORMATION

Mr. Hosam Abbas

Computer & Software Training Center
Dammam, KSA

Telephone +966 13 814 4741 Ext.222

Mobile: +966 558833033

WhatsApp +966 500129167

Email: training@compusoftme.com

WHO SHOULD ATTEND

- Mechanical Engr. (Fresh graduate)
- Piping Design Engineers.
- Inspection Engineers & Technician
- Process Engineers
- Construction Engineers
- Project Engineers
- Operation Engineers
- Piping Designers
- Engineers of Petrochemicals & O&G.

Time	Activities
07:30 - 08:00	Registration & breakfast
08:00 - 10:00	Morning session 1
10:00 - 10:15	Coffee Break
10:15 - 12:15	Morning session 2
12:15 - 13:30	Prayer & Luncheon
13:30 - 15:00	Afternoon session 1
15:00 - 15:15	Coffee Break
15:15 - 17:00	Afternoon session 2

Location

Mercure Hotel – Al-Khobar

معتمدة من المؤسسة العامة للتدريب التقني والمهني