

Piping Systems Vibration Solutions

COURSE OBJECTIVE

This 40-hours course objective is to provide excellent understanding as well appreciation of vibration phenomena in piping systems.

This course effectively combines the understanding of vibration in piping systems with actual field case histories. The applicable vibration concept and methodology for solving the problem are presented in very demonstrated via case histories to ensure full understanding of the material.

The course primary target is to ensure reliable design and safe operation of O&G facilities.



Course Outline

- ~ Fundamentals and Mode Shapes
- ~ Measurements and Criteria
- ~ System Response & Resonance
- ~ Vibration around Control Valves
- ~ Pulsating Vibration
- ~ High Frequency Vibration
- ~ Acoustic Induced Vibration

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.

WHO SHOULD ATTEND

This course will be beneficial for:

- Piping design engineers
- Reliability Engineers
- Process engineers
- Operation Engineers
- Experienced vibration technicians
- Engineers of Petrochemicals & O&G.

CONTACT INFORMATION

Hosam Abbas, Training Manager
Computer & Software Training Center
Dammam, KSA

TEL. +9661381447471 Ext. 222

Mob. +966558833033

Email: training@compusoftme.com