

Practical Piping Stress Analysis - CAESAR II

Static + 1 day Dynamic

Evening & Weekend Sessions
December 12 to 26



COURSE OBJECTIVE

Once this course is completed, participants will be able to use **CAESAR II** software for piping flexibility and stress analysis.

Moreover, they will gain adequate knowledge on the application of the software to the ASME B31.3, 4 & 8 Codes.

This course effectively combines the understanding of piping stress and flexibility analysis through extensive applications of the software to actual field history cases and exercises.

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. He has been teaching this course since 1993

COURSE ACHIEVING GOALS

- ~ Understanding how piping stress software works
- ~ Applying the ASME Codes & Standards properly for stress analysis
- ~ Reading & understanding the input/ output.
- ~ Gaining skills to analyze field piping flexibility problems and piping layout
- ~ Conducting troubleshooting of CAESAR-II piping models.
- ~ Fine-tuning of models.
- ~ Analysing buried piping systems.
- ~ Relating analysis to field experience cases which will be threaded throughout the course.
- ~ Correlating piping vibration with CAESAR II modal analysis

WHO SHOULD ATTEND

This course is designed for:

- ~ Pipe Stress engineers
- ~ Design Engineers
- ~ Project Engineers
- ~ Operation Engineers
- ~ Engineers involved in O&G.
- ~ Experience Designers

Day	Week 1 +	Week 2
Saturday 8:30 AM to 4:30 PM	December 12 & 26	December 19
Monday 6:00 to 9:15 PM	December 14	December 21
Tuesday 6:00 to 9:15 PM	December 15	December 22
Wednesday 6:00 to 9:15 PM	December 16	December 23

CONTACT INFORMATION

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