

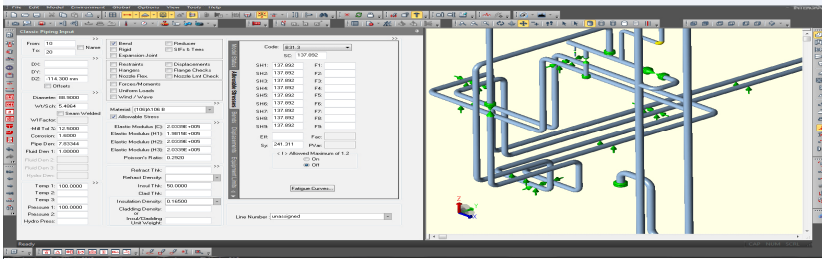
# Practical Piping Stress Analysis CAESAR II

## 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.



## COURSE ACHIEVING GOALS

- Understanding how piping stress software works
- Applying the ASME Codes & Standards properly
- 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.
- Relating analysis to field experience cases which will be threaded throughout the course.
- Gaining basic understanding on piping vibration and modal analysis



## WHO SHOULD ATTEND

This course is designed for:

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

## CONTACT INFORMATION

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## Instructor: 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 stress analysis since 1993 at Saudi Aramco & ASME.

