



Advanced Pipe Stress Analysis Training



Join our Bentley Institute certified training expert, with 30 years plus field experience, to learn hands-on by solving problems on pipe stress analysis using AutoPIPE and other pipe stress analysis tools. The open discussion-based format will allow attendees to maximize retention of course material and theoretical concepts.

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Pierre Genin

Bentley certified instructor with over 25 years industry experience.

Date:
July 2nd-6th, 2018
Venue:
The Cedar Centre,
Lagos

Participants attending the training should expect to leave the course with an advanced working knowledge of pipe stress using and pipe flexibility analysis. Some of the specific topics to be covered are:

Basic to Intermediate (3 days)

- 1 | Understand pipe stress code requirements and pipe stress design approach
- 2 | Learn how to accurately model a complete piping system and its loading scenarios (temperature/pressure, equipment imposed displacements, wind, earthquake, etc.)
- 3 | Code compliance and pipe loads on supports and equipment.

Advanced Pipe Stress Analysis (2 days)

- 1 | Plastic pipes and buried pipes (soil definition)
- 2 | Fundamentals of dynamic analysis and scope of work. Modal analysis, spectrum, harmonic and seismic analysis.
- 3 | Time domain analysis (Time History Analysis): Water hammer, slug flow, safety valve discharge.



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