

Pipe Stress Analysis Training

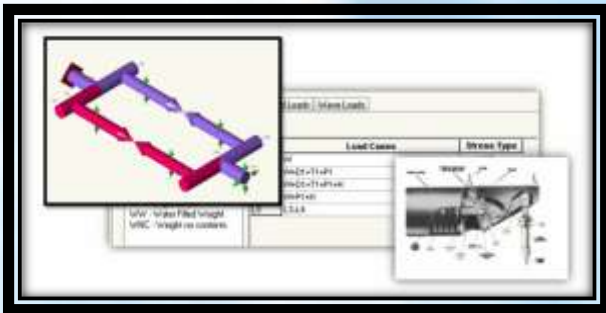
2 Days Course Synopsis

This Pipe Stress Analysis training covers proper system modelling guidelines, methods of static analysis of piping system, evaluation of system designs, and effective approaches to system redesign which helps Piping/Vessel Maintenance Engineers, Piping Designers, New & Experienced CAESAR II Users, Mechanical/Design Engineers, Engineering Managers, Plant Managers, and fresh graduate mechanical engineers who wants to become a piping engineer and who would like to pursue their career in Plant design industry specifically as a PIPE Stress Analyst.



Day 1

- ✓ Introduction to Pipe Stress Analysis
- ✓ When to Perform Stress Analysis
- ✓ Role of the stress analyst
- ✓ Piping Code
- ✓ Code Compliance
- ✓ Stress Intensification Factor (SIFs)
- ✓ Overview of CAESAR II
- ✓ CAESAR II Modelling
- ✓ Practical example



Day 2

- ✓ Static Load Cases
- ✓ Interpreting Static Analysis Results
- ✓ Modelling Connecting Equipment
- ✓ Underground Piping
- ✓ Flange Leakage Modelling & Calculation
- ✓ Verification of Api 610 Pump Loads
- ✓ Wind and Seismic Loads with Static Equivalents
- ✓ Structural Steel Modelling
- ✓ Practical Example

Prerequisites:

- ✓ Basic Plant design/ engineering knowledge is required.
- ✓ Reading GAD and Isometrics knowledge is required.

Training Fees: \$2000 (exclusive of GST)

- ✓ Participants will each receive printouts of course slide, course notes and other reference materials.
- ✓ Participants will each receive a certificate of completion
- ✓ Tea break snacks and lunches will be provided.

For registration and enquiries, kindly contact us
Email: training@cutechgroup.com or call +65 62626614/41

PIC SUBSIDY
Claimable for up
to 60% of
course fee!