

# 2018 TRIFLEX® Training in Houston

## General Description

### Statics Course

In this class, you will analyze piping codes used in the piping stress software, review stress guidelines, wind and seismic loads, and other practical modeling. To improve your expertise, you will be given examples of various situations that arise in the industry. You will be shown how to resolve these situations.

### Statics & Dynamics

In this session, you will learn to build a successful dynamic model, along with an interpretation. You will analyze the seismic response spectrum; evaluate relief valve discharge and transient loads by using time history analysis features.



## Who should attend?

- ✓ Design engineers, mechanical engineers, piping engineers, pipe support engineers
- ✓ Safety, Design & Maintenance Engineers & Managers
- ✓ Those who are evaluating TRIFLEX® in contemplation of a purchase
- ✓ Current Users who wish to enhance their skills and efficiencies with the latest version of TRIFLEX®
- ✓ Additional Users who are being added by established customers
- ✓ PE's needing 40 hours of PDH's = 4 CEUs (in most states)

## Benefits to Your Company

- Improved productivity.
- More accurate results obtained when pipe stress analysis studies performed.
- Staff with training in the most current methods.
- More satisfied clients.

## Benefits to You

- Review logic check list for performing piping stress analysis studies.
- Learn when and why piping stress analysis studies are to be conducted.
- Learn what data is required to begin a piping stress analysis study.
- Learn the optimum method for placing nodes on a piping isometric.
- Learn the most efficient methods of building a piping stress analysis model.
- Learn how to interpret the output reports generated by TRIFLEX®.
- Learn how to size and select the required spring hangers.
- Learn about the piping code requirements as well as the requirements of many related industry standards.
- Interact with other piping stress analysts from around the world and learn of their challenges and methods.

## *2018 TRIFLEX<sup>®</sup> Training-2*

### *2018 Schedule*

**Statics Course Dates**  
May 7<sup>th</sup> – May 9<sup>th</sup>

**October 15<sup>th</sup> – October 17<sup>th</sup>**



### *2018 Schedule*

**Dynamic Course Dates**  
May 10<sup>th</sup> – May 11<sup>th</sup>

**October 18<sup>th</sup> – October 19<sup>th</sup>**

### *Schedules and Costs*

#### *Statics & Case Study*

\$ 950

Mon. thru Wed.

#### **Full Statics & Dynamics Seminar**

Mon. thru Fri.

\$ 1,395

Courses start at 8:30 a.m. until  
5:00 p.m.

### *Online Live Training!*

Statics Analysis training!

Instructor guided practical experience!

20 hours over 5 days.

Registration is open to public (limited to 7  
seats) on a first come first served basis.

*July 9<sup>th</sup> through July 13<sup>th</sup>*

### **Instructor Information**

Mr. Reid McNally received a Bachelor of Science Degree in Mechanical Engineering from Texas A & M University. In addition, he has taken several advance courses in Mechanical Engineering. Mr. McNally is a Registered Professional Engineer in the State of Texas. He has been an Adjunct Professor at the University of Houston teaching piping stress analysis and pipe support design. He was in charge of the Piping Stress Analysis Department of a major Engineering Construction firm and has been a member of ASME since 1969. Mr. McNally has also been active in ASME at the national level and has served two terms as a regional vice president. He has been an invited speaker in numerous meetings and has presented a substantial number of seminars over the years throughout the world. The seminars covered the principles of piping stress analysis as well as the usage of the TRIFLEX<sup>®</sup> program to solve piping stress analysis problems.

Cathy L. Keener has worked for PipingSolutions for more than 14 years. She is the Manager of Software & Services for PipingSolutions, and has provided pipe stress analysis training online and in Houston for many years.

