



Save Time and Money Through Improved Compressor Performance

This course builds knowledge of compressor design and applications. Topics covered include lubrication, valve design, capacity control, material options, and performance measurement. The approach uses current field case histories to illustrate Pressure Time (PT) and valve vibration events, rod load and crosshead vibration, and system losses.

As a bonus, Allied Reliability Subject Matter Experts may visit throughout the class to discuss topics such as the latest design trends in compressor components, lubrication practices, SmartCBM[™], and other relevant, innovative reliability elements.

YOU WILL LEARN:

- Machinery and performance characteristics
- Reciprocating compressor components and dynamics
- PT Curve and Pressure Volume (PV) Card development
- The basic applications of reciprocating compressor analysis data
- How analysis data is generated, what it means, and how it relates to machinery health, longevity, and safety
- What you should expect from an analysis program

TARGET AUDIENCE:

- Engineers
- Process and Maintenance Personnel

COURSE DURATION

3 Days

COURSE DELIVERY

This course is offered in both public and private settings. Virtual delivery options available.

