

Laser Alignment

This two-day course teaches this highly specialized alignment technique used in industry today. Vibration problems are the cause of 50-70% of all rotating mechanical equipment failures. Most vibration problems can be traced back to the alignment condition of the machine.

I. Alignment Fundamentals

- Alignment Conditions
- Effects of Misalignment
- Alignment Methods

II. Laser Alignment Method and Equipment

- Laser System Components
- Optalign Alignment Process
- Turning On the Optalign System
- Measurement Procedure

III. Soft Foot

- What is Soft Foot?
- Types of Soft Foot
- Soft Foot Determination Using the Optalign System

IV. Determining and Correcting Shaft Misalignment

- Zero-Zero Alignment
- Alignment Adjustments
- Other Optalign Functions