



Condition Monitoring | Alignment Solutions | Machinery Services | Reliability Training



## The Reliability Partner

### Who We Are

Dedicated to assisting those dealing with rotating machinery, we offer tools, training, and services to revolutionize maintenance and reliability techniques.

### We Can Help You

- + Monitor machine health
- + Fix machine misalignment
- + Build skills with expert training
- + Improve overall plant reliability



## Condition Monitoring

### Vibration Analysis Solutions

- AI - Accurex Automatic Diagnostics
- Wireless, Portable, Continuous Monitoring
- One and Two Plane Balancing
- One Software Platform, Nest i4.0
- IIoT Industry 4.0 Enabled

### Turnkey Project Management

- Sensor and Monitoring Installation
- Commissioning



## Alignment Solutions

### Laser Alignment Tools

- Entry Level
- Mid-Range
- Premium
- Intrinsically Safe (EX)

### Specialized Alignment

- Machine Trains
- Cardan/Offset Shafts
- Runout Probe  
(Digital Bluetooth Dial)

### General Alignment

- Horizontal
- Vertical
- Softfoot
- Thermal Growth
- Spacer Shafts

### Machine Geometry

- Straightness
- Flatness
- Bore Centering





## Machinery Services

### Condition Based Maintenance

- Advisor



### Predictive Maintenance Services

- Vibration Analysis
- Infrared Inspections
- UltraSound Inspections
- Motor Testing
- Oil Analysis

### Precision Correction Services

- Laser Alignment
- Dynamic Balancing
- Flatness
- Straightness
- Bore Alignment
- Thermal Growth Studies

### Maintenance/Reliability Consulting

- M&R Program Audit
- Asset Criticality Study
- RCFA
- Failure Defense Planning
- Maintenance Optimization

### Advanced Machine Diagnostics

- Motion Amplification
- Resonance Testing
- Pipe Strain
- Modal Analysis



## Reliability Training

### Hands-On Training

- Shaft Alignment Best Practices
- Train the Trainer (Shaft Alignment)
- Reliable Precision Maintenance (RPM)
- On-Site Training

### Mobius Vibration Training

- Vibration CAT-I ISO Accredited
- Vibration CAT-II ISO Accredited



Machinery pumps our water, compresses our gas, and generates the power that keeps our lights on and cities safe at night. Acoem's expertise is built around finding solutions that **fix**, **prevent**, and **predict** machinery challenges to keep our world running.

To learn more, please visit: [www.acoem.us](http://www.acoem.us)

