

# RELIABILITY SOLUTIONS

Prediction & Protection, Products & Services To Increase Asset Availability

## WHY CHOOSE US

*It costs approximately 50% more to repair a failed asset than to monitor and predict a failure.*

*R.E. Mason Company offers a variety of prediction and protection technologies.*

*We can help you reduce scheduled and unscheduled downtime.*

*Maintenance costs go down, availability goes up and your operation is safer.*

## VIBRATION

### Portable Vibration Analysis

- AMS 2140 Portable Data Analyzer
- Laser Alignment & Balancing Equipment
- Accelerometers
- Displacement Probes
- Junction Boxes
- Data Collector Accessories

### Online Vibration Monitoring

- AMS 6500 Protection & Prediction Systems
- AMS 6500 ATG
- Asset Monitor (Edge Analytics – Charm Based)
- AMS 2600 Multi-Channel Monitoring

### Wireless Vibration Monitoring

- AMS 9420 Wireless Vibration Transmitter
- AMS 9530 Vibration Monitor

## ULTRASOUND & THERMOGRAPHY

### Ultrasound

- Ultrasonic Detectors
- Ultrasonic Grease Caddies
- Ultrasonic Inspection Ports

### Thermography

- FLIR Thermographic Cameras and Accessories
- The World's Sixth Sense

## LUBRICATION & CONTAMINATION CONTROL

### Des-case Contamination Control

Ametek – Spectro Scientific Machine

### Condition Monitoring

TESTOIL

## FIELD DEVICE MANAGEMENT

### AMS Device Manager

### Trex Communicators

### FDM Services

- Device Manager Installation, Upgrades and Implementation
- Instrument and Valve Services
- Asset Manager Services
- Evergreen Programs and Mentoring

## RELIABILITY SERVICES

### Vibration Services

- On Site Data Collection
- Remote Analysis
- Database Optimization
- Troubleshooting

AMS Device Manager – Install and Implementation

Infrared Thermography

Corrective Technologies

Online & Wireless Install and Configuration Services

Ultrasonic Testing

PdMA Motor Circuit Evaluation

Oil Analysis/(Tribology)

Reliability Consulting & Mentoring

