



Emerson Impact Partner



EMERSON™

Reliability & Monitoring Solutions

Vinson Process Controls' Reliability Team applies proven reliability methodologies, state-of-the-art monitoring technologies, and robust data analytics to support sustainable asset performance and long-term operational efficiency of our customers.

Asset Monitoring Systems

Continuous Monitoring



AMS ASSET MONITOR

- Prediction, protection, and process analyzer
- Embedded prescriptive analytics
- 12-Channel w. CHARMS I/O technology
- CSA Class 1 Div. 2, ATEX Zone 2

Wireless Monitoring



AMS WIRELESS VIBRATION MONITOR

- Tri-axial Vibration + Temp Sensor
- 13 Trend Values
- PeakVue & embedded prescriptive analytics
- Secure WirelessHART® Mesh Network
- CSA Class 1 Div.1/IP67 / NEMA 4x Enclosure

Online Monitoring

AMS 6500 MACHINERY HEALTH MONITOR

- Online condition and prediction
- PeakVue predictive diagnostics
- 12 or 24 channels, multiple assets
- Modbus, XML Data Transfer, OPC DA
- CSA Class 1 Div. 2, ATEX Zone 2
- IECEx Zone 2
- Wall Mount Cabinet A6500MS-24-ENCL-IC (24" tall x 16" wide x 12" deep)



Diagnostic Tools

Vibration



AMS 2140 Machinery Health Analyzer

- Route-based machinery health analyzer
- 4-Channel + Tri-axial Phase/Tachometer
- PeakVue predictive diagnostics

HART Communicator



AMS TREX Device Communicator

- Commission, diagnose, and troubleshoot
- Powers HART loops and Fieldbus devices directly
- Bluetooth and Wi-Fi compatible
- Autosync with AMS Device Manager

Machinery Protection Systems

Critical Machinery Monitoring



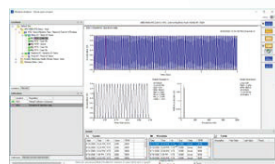
AMS 6500 Machinery Health Monitor

- Online condition and prediction
- PeakVue predictive diagnostics
- 24 channels, multiple assets
- Modbus, XML Data Transfer, OPC DA
- CSA Class 1 Div. 2, ATEX Zone 2
- IECEx Zone 2

AMS 6500 ATG Protection + Prediction

- Online protection system for critical assets
- PeakVue predictive diagnostics
- OPC UA, Modbus TCP/IP and Modbus RTU
- API 670 compliant
- CSA Class 1 Div.2

Machinery Protection Systems Vibration Analysis Software



AMS MACHINE WORKS

- Comprehensive analysis tool
- Intuitive dashboard
- Supports a variety of Emerson's monitoring technologies
- SaaS or Cloud-hosted software option

Sensors & Accessories

Accelerometers



- General Purpose, Premium, Low-Cost
- Triaxial
- Dual Output w/Temperature
- High Temperature
- Side & Top Exits
- Class I Division II Approved
- Lifetime Warranty

Sensor Products

- Eddy Current Sensors & Converters
- Oil Condition & Quality Sensors
- Contamination Sensors
- Moisture Content Sensors
- Speed Sensors
- Temperature Sensors
- Vibration Switches



Vibration Accessory Products

- BNC Junction Boxes
- Cable Assemblies & Bulk Cable
- Sensor Mounting
- Data Collector Cables
- Balancing
- Buffer Modules
- Instrument Wire
- LED/LCD Displays
- Tachometers
- Test Equipment
- Transmitters



Vinson Services

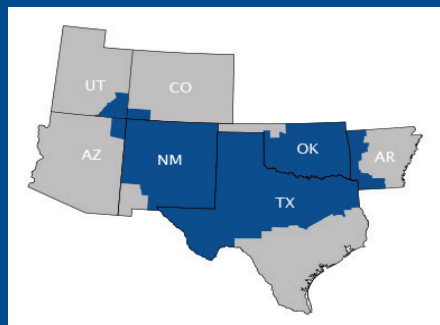
- PdM Programs
- Route Data Collection Services
- Asset Database Setup
- Program Audits
- PdM Route Mentoring
- Predictive Maintenance
- Vibration Analysis
- Ultrasonic Detection
- Infrared Analysis
- Motion Magnification
- Lubrication & Oil Analysis
- Corrective Maintenance
- Laser Alignment
- Dynamic Balancing
- Cloud Hosted Software
- Reliability Consulting
- Asset Mgmt Services
- Acceptance & Efficiency Services
- Motor Acceptance
- Noise & Vibration Testing
- Oil Analysis
- Compressed Air Leaks
- Equipment Centered Solutions
- Rotating Equipment Services
- Electrical Systems Services
- Steam System Services
- Industrial Fan Balancing



For inquiries:



Over 80 years of experience in North, East and West Texas, Western Arkansas, Oklahoma, New Mexico and the Four Corners Region.



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