



# PLANT ASSET MANAGEMENT SERVICES

Our team of experienced, certified technicians specialize in custom predictive maintenance programs. By providing reliability-centered maintenance, our goal is not only to keep your equipment running, but to also avoid costly downtime caused by undetected mechanical and electrical issues.



## Machinery Vibration Monitoring and Analysis

Undesirable machinery vibration from sources such as unbalance, misalignment, looseness, damaged bearings, etc. can cause unscheduled downtime, high secondary failure costs, additional labor expenses and more. Scheduled trending of machinery vibration identifies impending problems and allows for timely corrective action.

Troublesome vibration issues with machinery can often be identified and corrected by analysis of vibration data. This allows for improved machinery life, reliability and product quality. Recommendations and corrective actions are provided in an extensive report.

Balancing of rotating assemblies can be performed in the shop before machine assembly or in the field if unacceptable unbalance levels develop during operation.

## Infrared Thermography of Electrical and Mechanical Equipment

High temperatures of electrical or mechanical components can cause severe equipment damage. Inspections with infrared imaging equipment and detailed reporting help identify components in need of repair.

## On-site AC & DC Electric Motor Testing & Inspection

Electric motor windings and insulation deteriorate over time. Testing & evaluation of the electrical qualities of motor and generator windings, commutators and brushes provide important information as to when motor re-conditioning or rewinding is needed.

## Shaft Alignment with Laser Alignment and Dial Indicator Methods

Laser Alignment compliments our machinery vibration analysis and balancing services. Accurate shaft alignment provides longer machinery life as well as smoother and quieter operation.

For additional information on our

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contact us or visit our website!

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