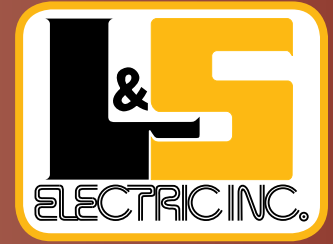


Predictive Maintenance Services



Dedicated People, Quality
Products, and Above All, Service.

24-hour, 7-day Service: Your Productivity is Our Biggest Concern!

Vibration Analysis and Special Analyses Programs

With complete Predictive Maintenance Programs that are customized to your specific needs, we can diagnose defects in rotating equipment in their early stages before catastrophic failure or unscheduled downtime occurs.

Laser Vibrometer Readings

Experienced L&S technicians use advanced laser technology to detect problems in hard to reach areas. We are able to gather accurate data from as far away as 660 feet, reducing the number of inaccessible bearings.

Operation Deflection Shape Studies

While a machine is operating, our state-of-the-art equipment creates a 3-D animation of the structural movements, allowing us to accurately detect potential stress in rotating and driven equipment, bases, and motor frames.

Motor Current Signature Analysis

Detecting rotor problems in AC induction motors can prevent unscheduled downtime before valuable production time is lost.

Roll Roundness Profile Analysis

By measuring the relative motion between press rolls and detecting irregularities, roll roundness profile analysis helps ensure that your products achieve a consistent quality.

Sound Level Analysis

Quantifying the decibel levels in noisy work areas ensures that accurate safety measures can be taken to protect your employees' hearing.

Ultrasonic Air Surveys

Ultrasound air surveys detect leaks in pressure and vacuum systems, detect electrical arcing, and inspect for bearing failure.



www.lselectric.com

SCHOFIELD

715.359.3155 or 800.283.8332

DULUTH

218.729.3375 or 800.943.9549

APPLETON

920.730.0203 or 800.283.5564

MENOMINEE

906.864.2500 or 800.864.2507

STURTEVANT

262.886.1875 or 800.367.7676

MINNEAPOLIS

763.780.3234 or 800.290.9320

ROTHSCHILD

715.359.3155 or 800.283.8332

HYDRO SOLUTIONS

715.359.3155 or 800.283.8332