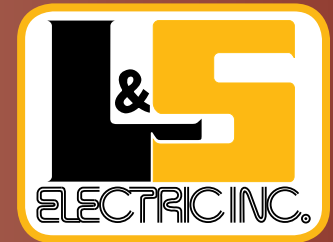


Reliability Services



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

The L&S Reliability Service team specializes in custom predictive maintenance programs designed to detect equipment problems before they cause costly downtime. Our reliability specialists are available 24 hours a day, 7 days a week.

Predictive and Mechanical Maintenance Services

- Vibration analysis programs
 - Tailored to your specific plant
 - Turnkey option
 - Analysis consultation available by the hour
 - Custom training programs
 - Laser vibrometer readings (non-contact readings up to 660 feet)
- Dynamic balancing
 - On-site
 - Single, dual plane, 6-point
- Laser shaft alignment
 - Bearing failure/root cause analysis

Specialized Analysis Work

- Motor current signature analysis
 - Identifies rotor bar problems
 - Performed on AC induction motors while under normal load
- Multi-channel and real-time analysis
 - Advanced analysis capabilities
- Operation deflection shape analysis (animating the motion of your machinery)
- Sound level analysis
- Ultrasonic air leak surveys
- Ultrasonic wall-thickness surveys
- Provision/installation of permanently mounted transducers
- Calibration verification (vibration, transducers, analyzers)
- Provision of custom accessories (VA extension poles, balancing kits)
- Lubrication sampling/analysis
- Voltage discharge testing (to verify and measure harmful shaft currents)



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906.864.2500 or 800.864.2507

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763.780.3234 or 800.290.9320

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HYDRO SOLUTIONS

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