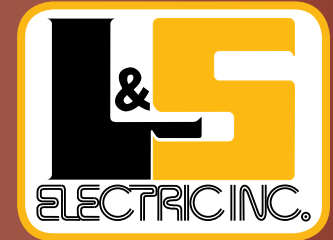


Ultrasonic Detection Testing



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

A Minor Air Leak Can Cause a Major Expense!

L&S Electric uses **ultrasound surveys** to detect leaks in pressure and vacuum systems, detect electrical arcing, and inspect for bearing failure.

Ultrasound detectors perfectly complement infrared instruments for the routine examination of electrical equipment. While infrared inspections allow operators to “see” heat, ultrasonic testing allows technicians to “hear” sounds humans cannot ordinarily hear.

Corona arcing and tracking, which may not show up on infrared inspections, is revealed by ultrasonic testing via high- or low-frequency sounds.

Ultrasonic detection testing equipment is especially useful in continuous process industries such as the following:

- Chemical plants
- Oil refineries
- Food processing plants
- Paper mills
- Utilities
- Plus, wherever plants run around the clock

Our technicians monitor equipment while it is running and detect sounds of problems in the making. This gives you the power to schedule maintenance shutdowns and replace only the parts that need be replaced, ultimately reducing your costs.



The sounds begin at 20,000 hertz and go as high as 100,000 hertz. The longer wavelengths of these low-pitched sounds can easily penetrate solid materials and make problem areas easier to pinpoint.

Increase the reliability of your equipment operation! Call our Power Services Department or your Account Representative for more information.



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

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