

PREVENTATIVE & PREDICTIVE MAINTENANCE SERVICES

Monitoring and performing regular maintenance on your plant equipment will reduce failures, unplanned downtime and maintain a safe working environment.

Ronk Electrical Industries' preventative maintenance approach allows you to maintain your equipment, plan outages and improve overall efficiency.

Certified technicians perform audits and analysis on your critical assets to provide a comprehensive, unbiased report on the condition of your equipment. Ultimately, enabling you to increase efficiencies, enhance safety, and strengthen your company's bottom line.

WHY SPEND TIME PERFORMING ROUTINE MANUAL MEASUREMENTS IF YOUR MACHINE CONDITION IS NORMAL?

Continuous visibility to faults early in the damage process optimizes your planning timeline for better maintenance measures.



THERMAL IMAGING & ANALYSIS

A high-powered infrared camera is used on both electrical and mechanical components to capture digital and thermal images of your equipment. These optics help to identify and diagnose any sources of high heat loads and heat changes over time. A comprehensive report includes the overall condition of your equipment and recommended actions to correct any issues found.



VIBRATION MEASUREMENT & ANALYSIS

Machine vibration monitoring is a commonly used technique to determine the overall health of your rotating equipment. Ronk Electrical Industries' vibration condition monitoring detects the severity of machine conditions such as loose parts, structural weakness, misalignment, gear wear, bearing condition and vibration levels.

Vibration analysis can be used as part of your regular scheduled maintenance program or as a predictive tool to monitor your equipment remotely and/or continuously for real-time, usable information.

We offer a wide range of SPM instruments, diagnostic and analysis software to fit your condition monitoring needs. These products, integrated into your normal maintenance activities, are a powerful way to be proactive in your maintenance approach.



Online condition monitoring systems continuously and automatically monitor important condition parameters. These systems are scalable and can integrate with existing control solutions.



Record accurate measurements so your data can be trusted. Sensors like the Airius wireless sensor for remote condition monitoring can perform time-based vibration and temperature measurements. With many product options to fit your machine's environment, you can get reliable intelligent data at your fingertips.



Intelligent software for your monitoring system. Easily pull in your machine data with unique filter settings, live spectrums, and live views of the state of all your connected devices. These solutions can be tied into your existing control systems and alert for fault symptoms.