



Industrial Power Systems

Never Underestimate the Power of Total Commitment

Engineered Services for Predictive Maintenance

Reduce Unplanned Downtime and Operating Expense

With production requirements on the rise, causing a reduction or even elimination of scheduled shutdowns, you need to know how well your critical equipment is operating. Let us help!

Walco offers a complete line of Predictive Maintenance Services to meet your needs, increasing your uptime and reducing repair expenses



Our Predictive Services Include:

- Vibration Analysis
- Thermography
- Motor Circuit Analysis
- Oil Analysis
- Switchgear Service
- Laser Alignment
- Balancing

Motor Circuit Analysis

PdMA Emax Dynamic Motor Tester

Did you know you could reduce down time by performing electrical trending to your motor winding? Is motor uptime critical for your organization? Then MCA testing is for you!

Like vibration analysis helps to predict mechanical failure or machine condition, MCA testing helps to predict the motor's electrical condition and identifies troublesome problems with your motor's winding or insulation. MCA testing is a necessary and valuable tool. Use it to win the battle to stay operating. Call us for details.

Contact Us:

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Keeping Industry Productive

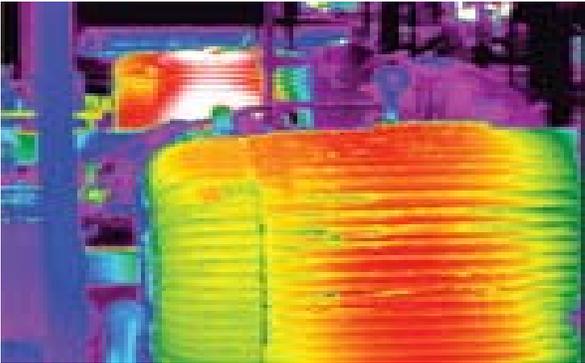
Predictive Maintenance

Thermographic Imaging

Thermographic imaging identifies heat related issues before they become a problem.

Thermography is ideal for inspecting switch gear, connections, transformers, motors, pumps, bearings, compressors, and turbines.

Thermography Used on Motors



The motor scan shows the far motor operating at higher temperatures than the near motor. Both are on the same system. Our finding: The load was unbalanced causing the far motor to draw excessive current. Corrections were made - problem solved.

Thermography Used on a Panel



The photos above are of the same electrical panel. Comparing the two images, the fault can be clearly seen in the infrared photo but not to the naked eye. A hazard like this could shut your operation down or worse, cause a fire. Let our predictive services help you today!

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Vibration Analysis



Vibration Analysis

Vibration signatures are taken on identified equipment. These signatures set the baseline readings for future comparisons and analysis. Over time, changes in these readings may indicate problems with the equipment. Catching the problem in the early stages of failure allows you the time to take proactive measures.

We report problems and suggest corrective actions, giving you the data and analysis you need to make informed decisions.

With regular analysis, your catastrophic failures will be greatly reduced, if not eliminated completely.



CERTIFIED
SERVICE
PROVIDER

RELIANCE
ELECTRIC