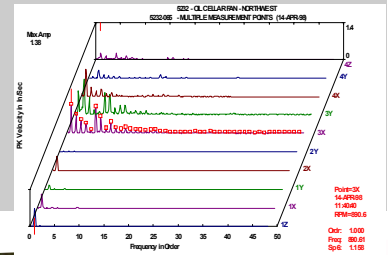


# EMP ENGINEERING SERVICES, INC.

*THE CONDITION MONITORING PROFESSIONALS!*

## VIBRATION MONITORING AND ANALYSIS

- ◆ Predictive Programs
- ◆ Machinery Troubleshooting
- ◆ Analytical Consulting
- ◆ Structural



## MOTOR AND GENERATOR SERVICES

- ◆ Automated Megger and Circuit Testing
- ◆ Installation and Erection
- ◆ Laser Alignment
- ◆ Dynamic Balancing
- ◆ CD and Commutation Specialists



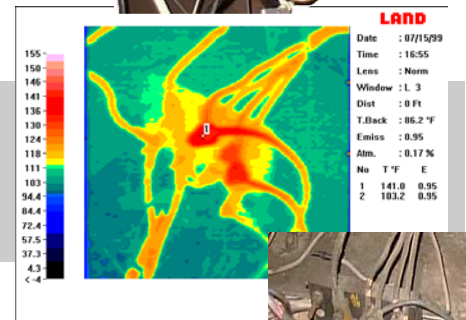
## INFRARED THERMOGRAPHY SERVICES

- ◆ Inspections of MCC's, DC and High Voltage Distribution
- ◆ Inspections of mechanical such as bearings and couplings
- ◆ Insulation surveys for Furnaces, Roofs Walls and Windows
- ◆ Roofing Leak Detection



## ULTRASONIC INSPECTIONS

- ◆ Steam, Air and Gas System Leak Detection
- ◆ Furnace Seal Evaluation
- ◆ Corona Discharge Identification
- ◆ Heat Exchanger Evaluation and Leak Detection



## LUBRICANT ANALYSIS PROGRAMS

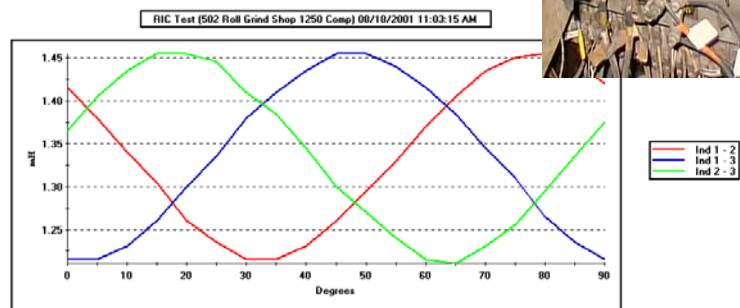
- ◆ Periodic Lubricant Monitoring
- ◆ Virgin Oil Baseline Services
- ◆ Failure Analysis

## EQUIPMENT MANAGEMENT PROGRAMS

- ◆ Inventory Control
- ◆ Spares Optimization
- ◆ Condition Assessment
- ◆ Repair Tracking

## ENGINEERING SERVICES

- ◆ Licensed Professional Engineer
- ◆ Certified Switchgear Specialist
- ◆ Equipment Installation and Design



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