

On-Line Condition Based Maintenance



The Problem:

To remain competitive in today's global environment most companies can no longer stay on the sidelines doing things the way they've always been done. For example, traditional preventive maintenance programs cannot respond quickly enough to modern failure modes. Fortunately, new maintenance technologies have been adopted by many industries to help them identify the current condition of their equipment. Unfortunately, most of the data from these technologies just gets filed away, without any significant analysis.



The Solution: On-Line Condition Based Maintenance

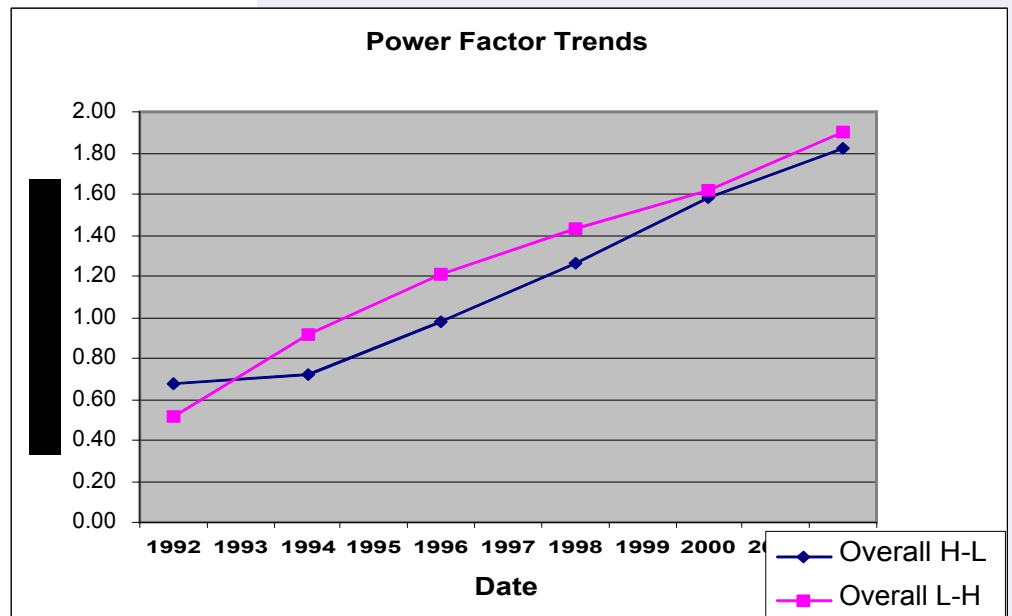
It is the entry, analysis, trending, reporting, and storage of your maintenance testing data on-line that will keep you competitive. Simply enter your Maintenance test data into your internet accessed computer and Cadick Corporation analyzes the data, trends it, and presents the results right on-line, including the next recommended maintenance interval. Additionally, in the event of major trending anomalies Cadick Corporation is available to help you determine your best options.

Benefits of CBM:

- Reduces overall maintenance costs by reducing the intensity required to achieve results
- Reduces the amount of actual maintenance required, thus limiting wear and tear caused by too frequent testing
- Since CBM focuses on equipment condition rather than time-based actions, older equipment is made more reliable.
- On-line CBM allows for data analysis without having to have a qualified analyst on staff.
- On-line CBM eliminates the need to purchase and maintain the proper software.

Why Data Trending is Important

The trending of maintenance data allows you to discover potential failures *before* they manifest. This results in being able to repair or replace equipment at a convenient time, before it fails. For example, look at an insulation power factor test of a transformer that shows if only year-to-year data comparisons are made there is no indication of a problem. All the test-to-test results are within 10% of each other. However, looking at the overall data trend tells a different story. This transformer will have a problem in the near future.



The Cost of On-Line CBM

The fee for On-Line CBM depends on the amount of equipment your facility has and who enters the data. Multiple facility discounts are available, as are discounts for long term contracts. Overall fees are generally much less in cost than maintaining software and analysts.

Advantages of On-Line CBM:

- Allows the analysis to be done by experts instead of client employees with many other responsibilities
- Large client base for equipment comparisons
- Fast analysis turnaround, important when you think you have a beginning failure
- Data is secure and easily retrievable
- No software or hardware purchase required

For more information

visit our website at

<http://www.cadickcorp.com>

Or call us today at **972.240.1594**

Fax 214.722-0070

Cadick Corporation

P.O. Box 495578

Garland, Texas 75049-5578