

Predictive Maintenance (PdM) Implementation Support

Utilities are finding that maintenance is a significant factor in their budget. Therefore, knowing how much to allot to maintenance will aid utilities to optimize their investment.

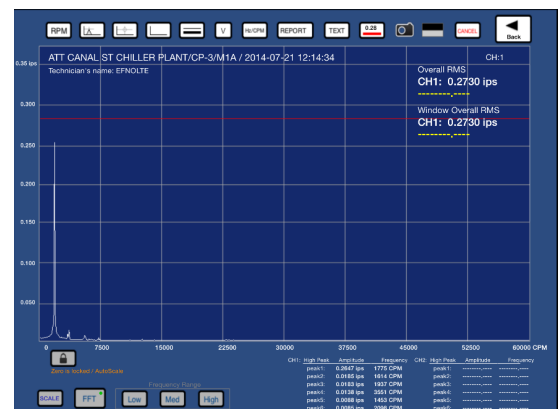
The **opX** PdM Implementation Support can identify the areas that need strengthening, and how to establish realistic short and long-term plans for implementation.



The **opX** Team will assist your organization by suggesting new technology purchases and utilizations, Maintenance Basis changes, and training plans to provide expected savings resulting from implementing the PdM program. **opX** offers justification for the PdM Implementation Support Program by reducing maintenance costs, equipment failures, unscheduled outages, and by providing projections of the expected savings.

Benefits

- **Allows Confident Deferral of Routine Maintenance**
- **Detects Potential Serious Problems Early**
- **Reduces Annual Plant Maintenance Expenditures**
- **Seizes Profitable Generating Opportunities**




PdM Implementation support also takes into consideration the culture change that is associated with the implementation of any new equipment and processes. Cultural change, commonly referred to as 'Change Management', is necessary as the new technologies become available and are implemented. **opX** will not only help implement the PdM procedures, but will conduct awareness sessions that will effect cultural change.

In addition to the application of diagnostic technologies, it is equally important that personnel are well trained on the proper use of these technologies for maximum benefit. Inspection surveys have to be scheduled and the frequencies are predicated on the criticality of the equipment. How expensive is the equipment and what is the lead time for replacement are important parameters to consider. Also, the frequency of the surveys can increase when the equipment or component starts to indicate impending failure.

The **opX** Team will provide technical assistance during all of these vital PdM Implementation processes. Our personnel are certified and highly experienced in many of the technologies such as:

- Infrared Thermography
- Vibration
- Oil Analysis
- NDE
- Balancing
- Motor Current Signature Analysis
- Acoustic
- Partial Discharge
- On-line Monitoring Design & Installation
- Advanced Pattern Recognition Model Development
- Savings and Cost Avoidance

Additional Information – for your evaluation of our effective PdM Implementation Support Program more details can be provided on request. In addition, **opX** engineers are willing to visit your facility to present and discuss further aspects of the Program. Please contact us at our website, or you can call/fax us directly.

 Consulting provides a unique combination of operational, organizational and management expertise to deliver improved business management processes, organizational assessments and readiness, operational excellence and future-state performance through the application of industry best practices and technologies. Our firm's services build upon state-of-the-art industry recognized management theories and methods, business processes and technologies, research and developments of leading organizations such as the Project Management Institute, the Balanced Score Card Institute.

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