

Condition-Based Maintenance Program

Since utilities need to target the most critical components and systems, a Maintenance program must move from a prescribed time frequency domain and scope to a maintenance program based on equipment condition.



The **opX** Team will assist your utility in the standardization of procedures and processes in order to maximize the effective benefits of your current Predictive Maintenance (PdM), Component Engineering, and Performance Monitoring programs.

opX facilitates in the integration of these major processes by including process mapping, action planning, and change management training. Each PdM technology will be reviewed and integrated into the overall Maintenance Program. The component engineering position will be defined and clarified, and the system monitoring function for system engineers will be described and explained how it will be integrated into the Condition-Based Maintenance Program.

Benefits

- **Better Identification of Faults and Repair Methods**
- **Reduction of Unplanned Outages**
- **Reduction of Equipment Failures and System Outages**
- **Improvement in System Reliability**
- **More Efficient Use of Current Resources**




Condition-Based Maintenance has a proven record of realizing substantial savings when implemented and supported.

The major processes integrated in the program are:

1. **Predictive Maintenance (PdM):** this includes the basic technologies such as vibration, oil analysis, and infrared thermography, and some of the other technologies that are needed for the trending, analysis, monitoring, reporting, and decision making processes.
2. **Component Engineering:** this includes all specialized monitoring techniques for the trending and analysis of specific component types by experts to determine the health of the component.
3. **Performance Monitoring:** this includes monitoring systems' overall efficiencies using all current methods for early detection of possible failures and degradation mechanisms.

Additional Information – for your evaluation of our effective Condition- Based Maintenance 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.

 Consulting llc
917 Forest Park Ct
Keller, TX 76248, USA
(817) 380-3004/Tel
(817) 380-3005/Fax
www.opxconsulting.com