opX consulting, llc

Maintenance Basis Development

The heart of any meaningful maintenance program is identified as the Maintenance Basis. The Maintenance Basis defines how maintenance is performed, what are the process and tools that are applied, and how extensive and effective the maintenance operations are executed.

opX will help the utilities create or enhance their current maintenance by reviewing the programs being used that define the utility's Maintenance strategy.

opX, by reviewing the various types of maintenance being performed, can aid the utility in focusing on optimizing staff resources on enhancing specific maintenance tasks.

Defining the Maintenance Basis of the utility is necessary before a Maintenance Basis Optimization program can effectively be established. The ratio of the various maintenance programs (Corrective: failure-based, Preventive: time-based, Predictive: equipment condition-based, and Proactive: root caused-based) is determined, and the maintenance tasks required for optimal reliability and the lowest maintenance costs, are presented to management.

Benefits

- Defines Current Maintenance Program
- Customizes Specific Maintenance Tasks
- Indicates Maintenance Areas that can be Improved
- Explains Tasks required for Improved System Reliability

Corrective Maintenance (CM) – is the repair or replacement of equipment that fails. This can be avoided on critical and/or expensive equipment by applying some of the other maintenance strategies. It may be practical for non-critical, low cost equipment to run-to-failure.

Preventive Maintenance (PM) - is referred to as time-based maintenance where equipment is refurbished on a fixed schedule. This approach replaces the equipment before possible failure. However, equipment may be refurbished or replaced necessarily.

Predictive Maintenance (PdM) – is based on the condition of the equipment and predicts when a critical equipment is approaching impeding failure, and it is repaired or taken off-line in a timely manner. This relies heavily on Condition Monitoring.

ProActive Maintenance (PAM) – is a root-caused based maintenance strategy. The reason for repeated failure of certain equipment/component is determined by a failure analysis, which determines if the equipment is not being operated properly or requires a design modification.

Additional Information – for your evaluation of our effective Maintenance Basis Development 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.

opX 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.

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