Maximizing Asset Reliability through Preventive Maintenance

Optimize and implement a Preventive Maintenance (PM) program Based on the principles of Reliability-Centered Maintenance

Ineffective PM programs produce unnecessary downtime due to equipment failures, resulting in higher maintenance and operations costs, lower quality, and lower productivity. These consequences mean that optimizing your current PM program isn’t just a maintenance objective, it is an organizational imperative.

This seminar focuses on the tools and techniques utilized in an effective and efficient PM program. Participants will learn five key maintenance strategies: Interval-Based, Condition-Based (PdM), Modify/Redesign, Run-to-Failure, and Redundancy; and the key factors for determining the optimal PM strategy for a piece of equipment.

In addition, we will explore the five crucial questions for writing an effective PM, common condition monitoring tools, and key concepts for PM Optimization.

Learning Objectives:

- Understand the common deficiencies of current PM programs and that there are rational and effective methods by which they can be improved
- Develop a business case for PM improvement
- Understand the basic principles of Reliability-Centered Maintenance
- Apply basic principles of Reliability Centered Maintenance (RCM) to analyze and improve your existing PM program, and eliminate or reduce your current failures
- Understand the differences among the various maintenance strategies and identify the appropriate application of each
- Write clear and effective PM procedures using good practices
- Know the critical elements to implement and sustain an effective PM program

June 2, 3 & 4, 2015, 8AM-4:30PM
S.O.T.C. Building 200, Room TBD
$795 in district, $1,295 out of district
A one hour, on-your-own lunch is included in the time

Please register by May 2, 2015

Contact for enrollment: Tina Graham, tgraham@sotc.edu, 580-224-8290 to register

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