

ANALYSIS AND MODELING OF MAINTENANCE ACTIVITIES BEST PRACTICES

July 14 - 18, 2019
Manama, Bahrain



Early Bird Discount & Registration

Register and pay 25 days prior to the event date and get 15% discount.
Registrations will close 15 days prior to the start of the Course.

Course Overview:

For decades, industrial and other organizations concentrated most of their attention upon product production, generally ignoring the maintenance function, viewing it as a necessary evil. During the recent years there has been a gradual attitude change in how general corporate managers view the maintenance function. One of the most important factors forcing this change was that maintenance departments became major cost centers within those organizations.

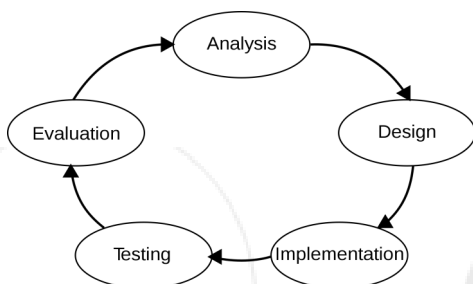
Today with general operating costs rising at the rate of 10%+ each year, there is the potential for the realization of significant savings in the maintenance department that deserves serious scrutiny. By implementing certain of the advanced management practices outlined here savings can be very significant. By integrating the listed programs the Maintenance Department, will produce dividends in the immediate, as well as for the long term value enhancement.

Through the application of Good Management Practices (GMP), and with the use of sound technical expertise, cost reductions in the range of 20% to 35% are within the realm of possibility. Industrial Maintenance Managers who integrate all of the listed programs will experience profound affects, gain increased control over the performance of their organizations, and thus achieve real successes. How much success will be dependent upon how well each specific function and each specific activity are integrated into the plant maintenance and production work routine.

Course Objectives:

After completing this course, participants will be able to:

- ◆ Evaluate the Current Effectiveness of PM and PdM as per Maintenance Standard Activities.
- ◆ Migrate scheduled Maintenance Activities from shutdown to operating the Equipment till Plant.
- ◆ Use of the P-F curve to prevent equipment failures
- ◆ Apply Base Loading your schedule with PM activities and Tasks as per Maintenance Scheduling Program.
- ◆ Prioritize work using a RIME (Ranking Index of Maintenance Expenditures) Tool with full utilization .
- ◆ Understand the Element of Maintenance leadership and have a clear understanding of business benefits of creating a Reliability Culture.
- ◆ Utilize the Opportunity to share their ideas and current practices during Maintenance Activities.



Who Should Attend?

The course is designed for Maintenance Planners and Supervisors including Team Leaders and Managers who want to improve their scheduled Maintenance Activities. This course will show you how to optimize activities while Equipment is Running .

Course Language:

The Presentation, supplied documents, and workshop exercises of the course are in **English** however, based on the trainees' desires, oral presentation or discussion can be **Bilingual** (English and Arabic).



Course Contents:

Module (01) Key Maintenance Work Processes

- 1.1 Definitions of Key Terms
- 1.2 Types of Maintenance Methods
- 1.3 Continuous Improvement
- 1.4 Utilization and Optimization
- 1.5 Maintenance Management
- 1.6 Using the Excellence Cube
- 1.7 Maintenance Assessment

Module (02) Introduction to Reliability

- 2.1 The benefits of a Reliability Culture
- 2.2 Existing Reliability Problems
- 2.3 Reliability Centered Knowledge
- 2.4 Failure Curves. Performance Curves
- 2.5 Defining and Measuring Downtimes
- 2.6 Cost and Risk in Maintenance

Module (03) Maintenance Activities Strategy

- 3.1 Do we really need a Maintenance Strategy?
- 3.2 How it fits with what we really do?
- 3.3 Framework for development a Strategy
- 3.4 Examples of Changing Strategies
- 3.5 Categorize Maintenance Activities
 - 3.5.1 Routine Activities
 - 3.5.2 Urgent Activities
 - 3.5.3 Sensitivity Activities

Module (04) Performance Improvement

- 4.1 Performance Measurement Overview
- 4.2 Key Performance Indicators
- 4.3 Establish Performance Management for YOU
- 4.4 Case Study of a Company's KPI's

Module (05) Maintenance Team Work

- 5.1 Engineering, Production & Maintenance Teams
- 5.2 Benefits of Integrated Teams
- 5.3 Motivation and Empowerment
- 5.4 Total Productive Maintenance Concepts
- 5.5 Cross- Skill Training Strategy
- 5.6 Implementing Team based Continuous Improvement

Module (06) Impact of Reliability on Profitability

- 6.1 Looking at Reliability through Executive Eyes
- 6.2 Exploring Financial KPI's and their Use
- 6.3 Risk and Maintenance Manager
 - 6.3.1 Understanding and Measuring Risk
 - 6.3.2 Forecasting Future Risk
 - 6.3.3 Creating the best Response to Risk
- 6.4 Using Risk Management to decide the "Shutdown Or Continue to Run" Argument

Module (07) Maintenance Leadership Elements

- 7.1 Empowering Leaders
- 7.2 Maintenance Metrics
- 7.3 Auditing and Benchmarking
- 7.4 Setting Expectation and Standards
- 7.5 Coaching & Feedback
- 7.6 Motivation Maintenance Staff
- 7.7 Personal Improvement Plan

Module (08) Maintenance Financial Reporting

- 8.1 Maintenance as a Value Center Not a Cost Center
- 8.2 Basic Reports for Managing Maintenance Costs
- 8.3 Using Cost Reports to manage Business
- 8.4 Turning Costs Reports into Budgets for Maintenance
- 8.5 Measuring and Reporting Maintenance Value

Module (09) Managing Change in Maintenance

- 9.1 Change Management Issues & Challenges
- 9.2 How to make Change Management Easy?
- 9.3 Planning Change Techniques
- 9.4 Implementing Change and Feedback

Module (10) Maintenance Logistics and Cost Control

- 10.1 Managing Maintenance Spare Parts
- 10.2 Optimizing Spare Parts Inventory Levels
- 10.3 Maintenance Budgeting and Cost Control
- 10.4 Controlling maintenance Costs
- 10.5 Life Cycle Cost Concepts & Applications

Course Summary & Conclusion

Registration Form:

Please fill the information below:

Nominee Name:			
Company Name:			
Position Title:		Department:	
Phone:		Mobile:	
Email:			
Company Address:			
Do you want to request this to be conducted as an In-House Course? <input type="checkbox"/> NO <input type="checkbox"/> YES <i>Please fill the required additional information below</i>			
Date Required:		No. of Participants:	
Preferred Venue:		Other Requirements:	

Course Fees:

The amount of **3500 USD** will be charged for the course fee and Full Payment is required prior to commencement of the course.

Registration Methods:

Email : info@apex-dubai.com

Fax : +971 4 454 2910

Website : www.apex-dubai.com

Payment Methods:

A confirmation will be sent upon your registration. Note that full payment must be made prior to the event. Only those delegates who have paid in full will be admitted to the event. All payments should be to APEX Account:

Bank Name : Emirates NBD

Branch : Jebel Ali Branch, Dubai, UAE

IBAN No : AE260260001024622899402

Swift Code : EBILAEADJAZ

General Information:

- ◆ Closing of Registration will be two (2) weeks prior to the course date.
- ◆ APEX can assist and provide corporate rates for the hotel accommodation.
- ◆ Course fees will cover Course Materials, Certificate of Participation, Coffee Breaks and Lunch.
- ◆ In-House course is also available upon request and can be customized as per client's needs.

Cancellation:

If you are unable to attend the course you may send a substitute delegate.

Cancellation should be made 15 days prior to the course conduction. Failure to cancel within 10 days will be to pay the course fee in full amount.

Contact us:

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