



SEMINAR TITLE : Understanding Proactive Maintenance - A Culture of Reliability

Seminar Package Includes

- Morning / Afternoon meals and Lunch
- Complete Handouts on the course
- Articles on Condition-Based Maintenance
- Exercises and Handouts
- Certificate of completion

Who should attend ?

- This course is best suited for those who lead or influence the direction and success of their manufacturing plants including Maintenance Managers / Supervisors, Production Managers / Supervisors, Facilities Managers Key shop floor personnel, those in charge of Continuous Improvement Programs in their Plants, Reliability and Improvement groups, Key people who have the authority or leadership to drive the day to day process for improving their plant's reliability & performance Managers who sees continuous improvement programs as the key to industries survival



About the resource speaker

- Rolly Angeles is a seasoned technical trainer His portfolio of technical trainings includes TPM, Reliability-Centred Maintenance, Oil Analysis, Condition-Based Maintenance, P-M Analysis, Planned Maintenance, World Class Maintenance Strategies & many more
- Rolly previously worked with Amkor/Anam a multi-national company engaged in the manufacture of IC products and spearheaded Amkor's Planned Maintenance Organization composed of Maintenance Managers. He was responsible for the dramatic reduction of breakdowns in their TPM Journey as well as RCM implementation on Facilities AHU and Sub-stations
- Nominated as Key Technical Person in 1998 Rolly hails from Mapua Institute of Technology Batch 85', a licensed mechanical engineer, he brings with him a wide range of experience on best maintenance practices





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Brief Course Overview

- Most industries are reactive in nature, yet each one is struggling to improve their current maintenance structure, but before they can improve they must understand one thing that Preventive Maintenance is not a cure all solution that will address all failures, we must learn when to use it correctly, otherwise it will result to Infant Mortality Failures.
- This course explains the facts why typically an industry remain reactive in nature. Being reactive simply means that addressing a failure when it happens, failure will come first and maintenance react on it. Even with the best structure on Preventive Maintenance and top of the line software's at hand, PM can't capture all the failures. Failures are inevitable and occur in three patterns, Infant Mortality, Random Failures and Wear or age-related failures, Understanding this failure patterns will definitely allow us to have a better perspective about how to derive a holistic structure that will eventually capture majority of these failures.



illuminate

the possibilities...



Proactive Maintenance

Course Objective

- Understand the feasibility n when to use and not to use Preventive Maintenance
- Learn what Proactive Maintenance is all about
- Understand how failure occurs in three patterns and if Preventive Maintenance can capture them all.
- Understand what Proactive Maintenance is all about and if it is the right choice all the time.



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Program Proper - 1 Day Course

- 0745 - 0815 - Coffee and Registration
- 0830 - 0900 - Take Proactive Maintenance Pre-Test
- 0830 - 1000 - **Module 1 : AM Overview**
 - Concept of Autonomous Maintenance
 - Establishing Basic Equip Condition
 - Skills operators need
- 1000 - 1015 - **Morning Break / Meals**
- 1015 - 1100 - **Module 2 : Step 0 : Basic Training & Preparation**
 - Understanding Basic Machine Function
 - PM Guidance to Jishu-Hozen
- 11:00 - 12:00 - **Module 3 : Step 1 - Perform Initial Cleaning**
 - Goal of Step 1
 - Importance of Cleaning
 - Types of Contamination
 - Step 1 Flow of Activities
- 1200 - 1300 - **Lunch**
- 1300 - 1330 - Icebreakers
- 1330 - 1400 - **Module 5 : Understanding Visual Control In The Workplace**
 - Samples of Visual Control
- 1400 - 1500 - **Module 6 : Step 2 : Addressing Sources of Contamination**
 - Improving Hard to access areas
 - Types of Contamination
 - Step 2 Flow of Activities
- 1500 - 1515 - **Afternoon Break / Meal**
- 1515 - 1600 - **Module 8 - Step 3 : Establish Equipment Standards**
 - Types of standards
 - Step 3 Flow of Activities
- 1600 - 1700 - Take Post Test On Autonomous Maintenance
 - Closing Remarks
- 1700 - End of Seminar