

CODE : PBMP

PRACTICAL BEST MAINTENANCE PRACTICES

Practical Best Maintenance Practices

BUILDING A CULTURE OF RELIABILITY



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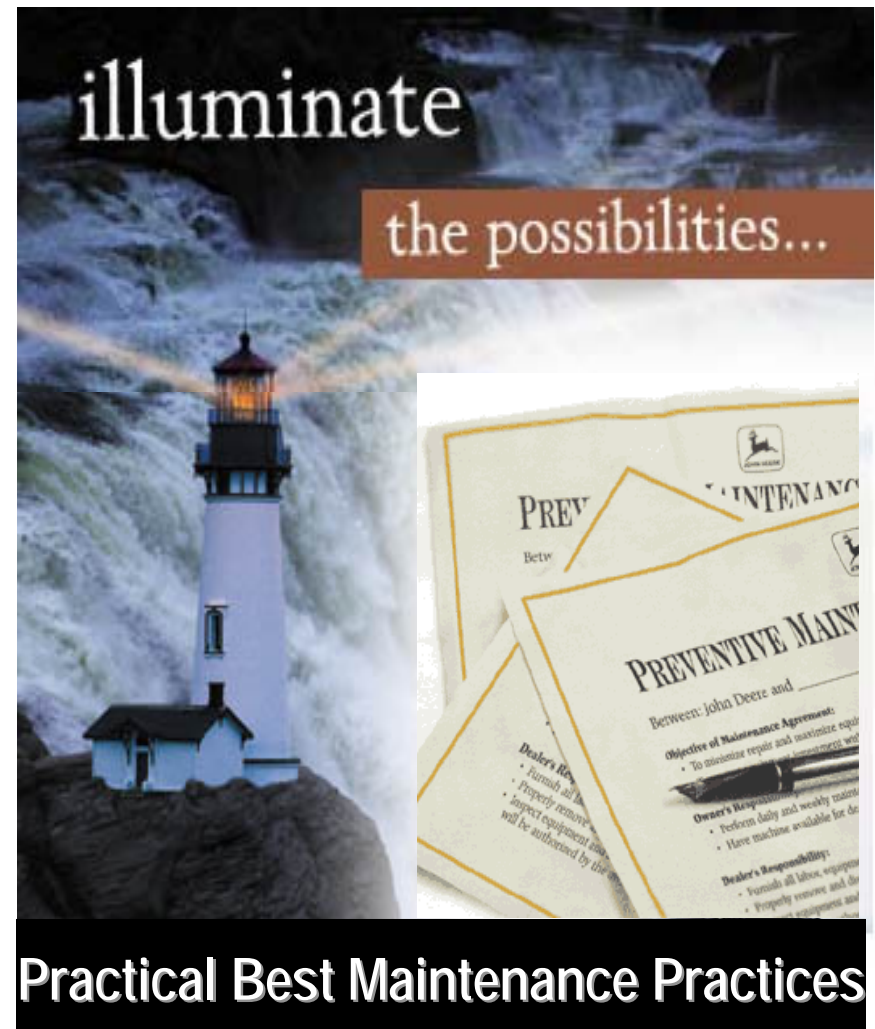
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2010

Maintenance Excellence

Rolly Angeles

Objective Of this Course :

- Provide an understanding on practical best maintenance that can be applied to our equipment in order to improve equipment reliability
- Learn the basic principles and the the different strategies that can be applied in maintenance
- Learn that in any maintenance improvement initiative, people and culture will play a very important function
- Learn some basic understanding regarding some of the practical maintenance practices that can be applied to our assets



Practical Best Maintenance Practices

2 Day Course on Practical Best Maintenance Practices :**Day 1****Course Objectives and Modules****Module 1 : Introduction on Practical Best Maintenance Practices**

- Maintenance Problems Facing Our Industry
- The Truth About Machinery and Equipment

Module 2 : Maintenance Key Performance Indicators & Measurements

- Reasons for Measuring Performance
- Most Common Mean Time Indicators
- Understanding MTBF, MTTF, MTBA

Module 3 : Strategies to Reduce Equipment Losses

- Understanding 6 Major Equipment Losses
- Relationship Between OEE & Losses
- Is Achieving 85% OEE Truly World Class

Module 4 : Spare Parts Management

- Problems with most Spare Parts
- Understanding Spare Parts and Inventory

Module 5 : Understanding TPM

- Learn What TPM is All About
- Goals of Each TPM Pillars
- Different Pillars and Practical Benefits of TPM

Day 2**Module 6 : Understanding Reliability-Centred Maintenance**

- Traditional Belief on Maintenance
- 7 Basic Questions on RCM
- How RCM is Performed
- Practical Benefits of RCM

Module 8 : PM / PdM Maintenance**Module 7 : Lubrication Management**

- Basic Understanding on Lubrication
- Contamination and How to Remove them
- Absolute and Nominal Filtration
- Bonus – Understanding Bearing Failures

Module 8 : Understanding Root Cause Failure Analysis

- RCFA Explained
- Levels of Root Cause Failure Analysis

Module 9 : Operator's Role in Maintenance

- Concept of Autonomous Maintenance
- Why Operators is Important in the Reliability Strategy

Module 10 : Empowering the Maintenance Workforce**Closing Remarks**