



Meaningful Measures

OF

EQUIPMENT PERFORMANCE



OEE



MTBF



MTTR



WEIBULL



MTBA



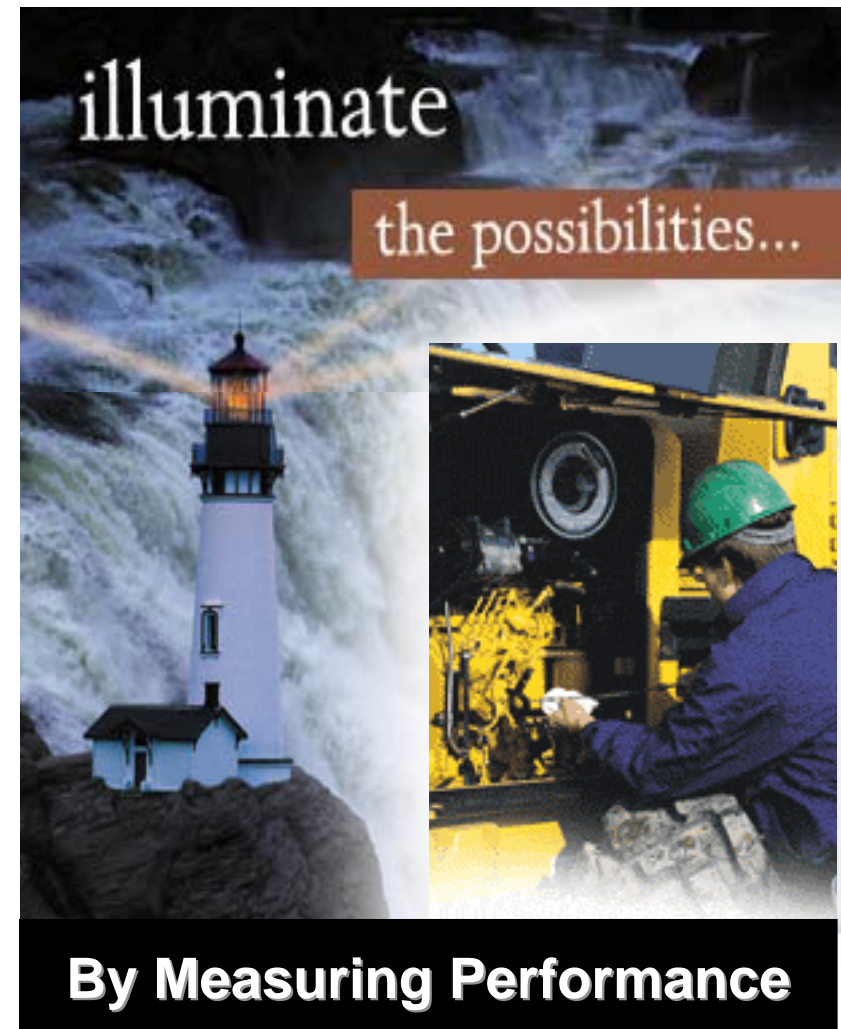
MTTF

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Objective Of this Course :

- Understand the need to measure performance and the different Maintenance Key Performance Indicators
- Learn to sell performance measurement as a tool for improvement
- Use meaningful measures to support equipment's reliability
- Determine the right measures for your industry
- Learn how to use performance measures in our day to day activities





Meaningful Measures of Performance Course Module :

Module 1 : Why Measure Performance ?

- Importance of performance measures

Module 2 : Equipment Losses

- Breakdown Loss
- Set-up Loss
- Idling and Minor Stoppage Loss
- Design Speed Loss
- Start-Up Loss
- Defect and Rework Loss

Module 3 : Understanding OEE

- Utilization, Efficiency and Quality Rate

Module 4 : Maintenance Mean Time Indicators

Module 5 : Understanding MTBF and Failure Rate

Module 6 : Understanding MTTR

Module 7 : Understanding MTBA

Module 8 : Weibull Analysis Overview

Module 9 : Workshop on Indicators

