

# Predictive Maintenance & Condition Monitoring

## PdM Program Design, Implementation, & Optimization

Practical Training Designed & Delivered by Real-World Practitioners



Join us for a class on both the theory and application of maintenance and reliability concepts, where we:

- Challenge your thinking
- Expose you to best practices
- Teach practical techniques for improving maintenance & reliability
- Show you a path to improving:
  - ✓ Process performance through increased availability
  - ✓ Lower maintenance costs

### 3-day Practitioner's Session

#### Core Concepts

- Program Design & Implementation
- PdM Program Management
- Uses & Tangible Benefits from Program
- Program Metrics & Performance Indicators

❖ 1-day Course for *Leaders and Sr. Managers* also available



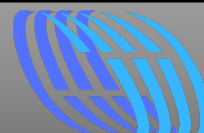
### What will you learn?

- Define the P-F Curve and its implications
- Describe the 6 RCM Curves and their impact on reliability
- List the 5 PdM Inspection Technologies, their Uses
- Discuss the Common Traps & Mistakes made with each technology
- Describe how to identify a failure mode for which PdM is most applicable
- Identify common metrics for managing the PdM program
- The different applications and limitations for continuous monitoring
- How the PdM program connects to the Work Management process
- How to assess a PdM program and identify common mistakes

### Who is this class for?

- Maintenance Managers
- Reliability Engineers
- Maintenance Engineers
- Operational Leaders
- Maintenance Supervisors
- Operational Supervisors
- Plant Managers
- Reliability Leaders
- Maintenance Planners
- Plant/Facility Engineers

Email us today to begin your registration:  
[info@ebrtechnologies.com](mailto:info@ebrtechnologies.com)



**EBR TECHNOLOGIES**  
EVIDENCE-BASED RELIABILITY

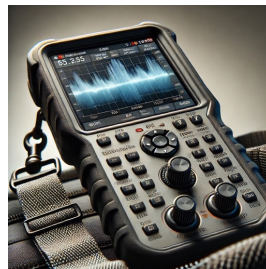
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### Topics Covered:

- Reliability Concepts
- PdM Program Design
- Infrared Thermography
- Ultrasonic Analysis
- Vibration Analysis
- Oil Analysis
- Motor Circuit Analysis
- Program Management



### For All PdM Technologies:

- Operational Principles
- Technology Capabilities
- Common Myths & Mistakes
- Practical Examples
- Use Cases



- Real World Examples
- Breakout Exercises

- Case Histories
- Group Discussions



*Plant Reliability is the foundation on which Asset Management is built. The best developed Asset Strategy will prove ineffective if your plant behaves in an unpredictable manner.*

*Unforeseen failures foster a self-reinforcing reactive maintenance culture.*



*An understanding of reliability tools & techniques will help break the reactive maintenance cycle.*



### Why Your Team Should Attend This Course

*Turn data into decisions with predictive insights that prevent failure and reduce cost:*

- **Understand the P-F Curve** and its role in early failure detection
- **Avoid common PdM mistakes** with expert-led guidance
- **Match technologies to failure modes** for smarter inspections
- **Build a scalable PdM program** rooted in reliability principles
- **Boost ROI** with targeted, effective monitoring strategies

