

# Reliability Leadership for Manufacturing Excellence

*Become the low-cost producer in your industry.*

## What You Can Expect From This Seminar

Results-oriented companies have discovered the proven impact of manufacturing reliability – maximized uptime, minimized unplanned downtime, improved process control, enhanced quality, minimized maintenance costs, and improved supply-chain performance. Attend this seminar, and you can too.

You'll learn how to design, buy, store, install, operate, and maintain for reliability. You'll review your plant's performance in light of best practices and benchmarks. And you'll leave with a strategic reliability improvement plan for your plant.

Reliability practices will make you a low-cost producer by maximizing capacity while minimizing production and maintenance costs. And you can do it all without incremental capital investments.

– **Ron Moore, PE, M.B.A., Seminar Leader**

## Seminar Content

### DAY 1 AM

- Overview of reliability strategy; maintenance as a reliability function
  - Reliability and manufacturing excellence; low-cost producer profile
  - Integrating the marketing and manufacturing strategies
  - Uptime; loss accounting; benchmarks
  - The reliability process: design, buy, store, install, operate, and maintain for reliability
  - Maintenance practices: preventive, predictive, and proactive
  - Workshops
    - Self-audit of management support and plant culture
    - PM practices/optimization process

### DAY 1 PM

- Reliability-centered operations; reliability-centered design
  - Operating practices for reliability
  - Process conformance and consistency
  - Operator care and PM
  - Shift handover practices
  - Pump operating practices
  - Workshops
    - Self-audit of operating practices for reliability
    - Operator care and PM
    - Shift handover practices
  - Design/capital projects for reliability
  - Lowest life cycle costs vs. lowest installed cost

### DAY 1 PM *continued*

- Payback: not a good method for reliability
- Importance of including reliability in front-end loading
- Workshops
  - Self-audit of design and capital project practices for reliability
  - Developing your capital projects policy for reliability

### DAY 2 AM

- Reliability-related issues
  - Procurement strategy for reliability
  - Stores management: a case study
  - Lean manufacturing/Kaizen
  - TPM, RCM, and their combination
  - Supply chain principles
  - Six sigma principles
  - Workshops
    - Self-audit of materials management practices
    - Streamlined RCM/TPM process

### DAY 2 PM

- Implementing reliability
  - Strategy for implementation
  - Organizational issues and methods
  - Leadership and management issues
  - Whamadyne case study
  - Success stories; summary
  - Workshops
    - Developing your improvement plan
    - Review of organizational issues

## Who Should Attend

Manufacturing teams from operations, maintenance, and reliability projects; plant engineers/managers; production/maintenance managers; and those involved in reliability/maintenance improvement.

## How To Get the Most From This Seminar

Be ready to discuss your plant's benchmarks, current production capability, losses from ideal, bottlenecks, current design, and O&M practices.

## About the Seminar Leader:

Ron Moore, PE, M.B.A., is an internationally recognized authority on plant operation, reliability, and maintenance strategies with 27 years of industrial manufacturing experience across a broad range of industries. At his many courses, workshops, seminars, and presentations, he speaks to manufacturers worldwide about improving their competitive position through reliability-based strategies. Moore is author of the book *Making Common Sense Common Practice: Models for Manufacturing Excellence* and has written more than 20 articles for technical journals.

THIS SEMINAR IS ALSO AVAILABLE  
ON SITE AT YOUR PLANT.

Call 937-229-4632 for information.