

Delivering Change Through Knowledge Transfer.



Improving Production Reliability Workshop

The Improving Production Reliability Workshop is a 3 day class that will review the application of the Production Improvement Cycle and associated production improvement methodologies as well as tools for enhanced plant performance with regard to throughput, operating expense and customer service.

The workshop will provide instruction and practical exercises for participants covering:

- Identifying, classifying and quantifying production losses and waste
- Identifying projects/actions, including a standard process, metrics and review procedures to reduce or eliminate losses and waste
- Development of leading indicators and metrics for tracking progress and maintaining control
- Determining how a problem solution or process change is tested, developed into a specific set of instructions/procedures, standardized, and proliferated

The workshop will also highlight the role of Operations Management in establishing and managing an effective production optimization program for the facility.

Who Should Attend:

Any person involved in the production management process including:

- Plant Managers
- Operations Managers
- Maintenance Managers
- Operations Foremen and Shift Superintendents
- Operations and Process Engineers
- Reliability Engineers

Participants Receive:

- An Improving Production Reliability Workshop Participation Certificate
- A Pocket Reference Manual
- A Workshop Manual and Best Practices Matrix

Participants Learn:

- Calculation of overall equipment effectiveness (OEE – Asset Utilization and Equipment Performance)
- Identification and classification of production losses to create a loss map
- How to analyze a loss map to determine improvement themes
- Establishment of reliability performance measures to track and guide production improvement
- Production analysis tools including Process and Value Stream Mapping
- Root cause analysis tools including 5 Whys, and Cause and Effect Diagrams
- Production process improvement tools including Constraint Management, Standard Operations and Quick Change Over and Start Up (SMED)
- Development, implementation and management of a Production Improvement Plan

Workshop Trainer: Herb Lichtenberg



As the Senior Vice President Practice Director for Production, Herb is focused on operations and production management as well as operations assessments and business process redesigns for SAMI clients. He has 38 years experience in operations management and management consulting. His experience includes multi-plant management and turnarounds, and the design and implementation of operations improvements. He has been responsible for the design and implementation of numerous production and capacity improvement initiatives with both process and discrete manufacturing companies resulting in over \$300 MM in economic value.



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