

Delivering Change Through Knowledge Transfer.

Improving Production Reliability Workshop



The Improving Production Reliability Workshop is a four day class that will teach participants to apply the production improvement cycle and associated production improvement tools for enhanced plant productivity and predictability. The workshop will provide instruction and practical exercises for participants covering:

- The identification of projects/actions, including standard processes, metrics and reviewing procedures to reducing or eliminating losses
- The 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 and Maintenance Management in establishing and managing an effective reliability program in their facilities.

Who Should Attend:

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

Participants Receive:

- Improving Production Reliability Certificate of Completion
- Improving Production Reliability Pocket Reference Manual
- Improving Production Reliability Workshop Manual

Participants will Learn:

- Calculating of overall equipment effectiveness (OEE – Asset Utilization and Equipment Performance)
- Identifying and categorizing production losses to create a loss map
- Analyzing a loss map to determine improvement themes
- Establishing reliability performance measures to track and guide production improvement
- Performing root cause analysis on production losses through lean manufacturing tools including:
 - Quick Changeover & Start Up (SMED)
 - Visual Management
 - Five Why's
 - Value Stream Mapping

Workshop Trainer: James Davis, CMRP



As Managing Director SAMI Arabia, Jim is focused on developing and implementing Asset Management Strategies as a way of increasing Profitability through better Asset Utilization for clients in the Arabian Gulf Region. He is a Registered Professional Engineer and Certified Maintenance & Reliability Professional who has extensive Asset Management experience at the plant and corporate level. Workshop participants will benefit significantly from his knowledge and experience developed over a period of more than 30 years in the practice of Asset Management.



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