

Delivering Change Through Knowledge Transfer.

Business Driven Reliability Workshop



The Business Driven Reliability (BDR) Workshop is a four day class that will review the basic skills of Reliability Engineers and will provide participants with an understanding of Reliability Centered Maintenance (RCM) and Root Cause Analysis (RCA) techniques using the BDR section of the SAMI Pyramid. The workshop will provide instruction and practical exercises for participants covering:

- The role of Reliability Engineers in industry
- Basic Reliability Engineer skills and tools
- An introduction to statistical analysis in reliability
- Familiarization with Condition Monitoring techniques
- Conducting RCM analysis to establish maintenance strategies
- Conducting RCA analysis to eliminate failures
- An Introduction to Zone Maintenance for early defect detection

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
- Maintenance Managers
- Maintenance Superintendents & Foremen
- Maintenance Craftsmen
- Maintenance Engineers
- Reliability Engineers
- Maintenance Planners and Schedulers

Participants Receive:

- Business Driven Reliability Certificate of Completion
- Business Driven Reliability Pocket Reference Manual
- Business Driven Reliability Workshop Manual

Participants will Learn:

- To develop an equipment criticality matrix for effective maintenance strategies
- The methods of conducting RCM to establish effective maintenance strategies
- A process for establishing an effective RCA Program to eliminate repeat failures
- A work identification process and prioritization that maximizes business performance
- The types of Predictive Maintenance technologies and their application
- Various statistical analysis techniques for reliability analysis
- A unique work management process for early defect detection
- Roles and responsibilities that impact reliability strategy effectiveness
- Establishment of reliability performance measures to track and guide reliability improvement
- The importance of aggressive work identification

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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