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# Reliability Awareness Featuring the Reliability Game®

Corporations are realizing that to be competitive in today's business environment, they must make productive use of their assets--both equipment and people. This fun-filled, two-day seminar offers the MRG simulation of the Reliability Game® followed by a full day of examining and reinforcing how proactive reliability practices drives money to the bottom line.

## COURSE OUTLINE

### 1. Introduction (The Game)

### 2. What do you Learn by Playing the Game?

The Reliability Game® is designed to teach participants to make the transition from a reactive to a proactive maintenance environment. They follow the money to discover the business potential of reliability, including financial opportunity, where the money goes, and how to stop wasting it.

The Reliability Game® is played in teams comprised of a Finance Manager, a Purchasing Coordinator, a Maintenance Resource Planner, and an Operations Coordinator. Each team determines the best way to manage its equipment, money, time, labor, and material resources. Tracking the financial performance creates competition between teams and results in a greater appreciation for the benefits of a reliability philosophy by the end of the game.

### 3. Concepts Explained:

The Reliability Overview discusses the essential elements learned through playing the Reliability Game® and reinforces how a strong reliability program helps corporations achieve success.

The following concepts are discussed:

- Logic behind MRG benchmark data
- Concept of the failure interval on the potential failure curve (P-F interval) and its relationship to the planning process
- Proactive Maintenance Model
- Financial benefit of advanced planning of maintenance work
- Typical Preventative Maintenance (PM) programs seen in industry today
- Criticality Ranking process
- Nature of Failures
- Process for conducting a Reliability Centered Maintenance (RCM) and a Failure Modes and Effects Analysis (FMEA)
- Importance of PM and Predictive Maintenance (PdM) development, including the concept of Quantitative PMs.
- The key concepts of Change Management





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## OBJECTIVES

Through the use of the Reliability Game®, participants will learn in one day how a proactive reliability program benefits their organization and the cultural changes needed to achieve success. The follow-up seminar provides practical insight into the tools and techniques necessary to increase profitability through a proactive reliability approach, including a discussion of business process mapping.

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## WHO SHOULD ATTEND?

Plant Managers, Operations Managers, Maintenance Managers, Operations Supervisors, Maintenance Supervisors, Planners, Schedulers, Operators, Maintenance Craftsmen, Storekeepers, and Financial Managers.

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## PREREQUISITES

None

