

Results Oriented Reliability and Maintenance Management

Course Description and Outline



Introduction/Overview of the Course

The Results Oriented Reliability and Maintenance Management Seminar is designed to build the foundation for increased awareness and understanding of what it takes to make successful and sustainable reliability improvements. RORM has consistently been rated the best of all in numerous reliability and maintenance events around the world. Hundreds of plants have included this seminar in their improvement initiatives.

Course Objectives/Benefits to Participant

Participants will learn:

- What Reliability & Maintenance management is
- How to manage improvements through awareness of best practices in reliability & maintenance management
- Develop a reliability culture through understanding, engagement, and values/beliefs.

Training Method

The instructor will lead the participants through an understanding of why improvement initiatives falter, what “good looks like” and how to build a sustainable partnership within the organization. Participants will fill out a self-assessment survey.

Recommended Attendees

Key representatives from operations, maintenance, stores, and leadership should attend this seminar. Doing so will build understanding and awareness of how the partnership organization works together to improve.

Course Outline

1. Introduction. Participants will learn:

- IDCON’s history and beliefs
- A Vision and Mission
- What’s new, connection between Terotechnology, Life Cycle Cost, Asset Integrity and Asset Management

2. The Holistic Reliability and Maintenance System: Participants will learn:

- Circle of Continuous Improvement
- Circle of Despair and are you in it?
- What is Reliability, Capacity, Throughput and Competitiveness

3. Overcoming the obstacles in Reliability and Maintenance improvement initiatives: Participants learn:

- Leadership, improvements and change
- Selling the improvements initiative
- Clearing the acronym confusion
- Defining a common maintenance language
- Maintenance and Technology
- Why beliefs are critical to success

4. The revenue and value of better maintenance and improved reliability: Participants learn:

- Contribution Margin
- Business case
- Reliability vs. cost
- What drives maintenance costs

5. People, tools and supporting processes. Participants will learn:

- Reactive vs. proactive maintenance
- Principals of work management, planning, and scheduling
- How Best in Class Organizations use time and resources
- Front line roles and responsibilities
 - Planners
 - Supervisors
 - Operations and Maintenance Coordinators
 - Craftspeople
 - Operators

6. Dimensioning of the maintenance organizations. Participants will learn:

- How many planners do you need
- How many people do you need
- How many supervisors do you need
- Attrition

7. Partnership and culture: Participants will learn:

- A common vision for operations and maintenance
- The reliability partnership
- Cultural challenge
- Role of engineering
- Role of operations
- Role of maintenance
- Role of stores

- Operator inspections
 - Asset management and Life Cycle Cost (LCC)
 - Maintainability
8. Practical use of Preventive Maintenance and Reliability Centered Maintenance (RCM): Participants will learn:
- Definitions of maintenance
 - Components fails not equipment
 - Life of components
 - Failure developing period – predictable or not
 - Who should execute
9. Root Cause Problem Elimination (RCPE): Participants will learn
- A process overview with: triggers, problem statement, causes, identify solutions, plan schedule and teach others
10. Performance management: Participants will learn
- Leading indicators
 - Lagging indicators
 - What indicators to use when
11. What is your gap between how good you are and how good you can become? Participants will learn
- What are Current Best Practices (CBP's)
 - How to measure progress and assess the current situation
 - How to drive and measure improvements

IDCON In-house Training and On-site Implementation Support

IDCON can customize any of our training courses for your plant and provide the coaching and implementation support to ensure your organization really uses the processes to garner the best results.

IDCON Training and Consulting Services

- Leadership and Organization
- Reliability and Maintenance Assessments
- Planning and scheduling improvement
- Preventive Maintenance/Essential Care and Condition Monitoring
- Operator Essential Care
- Materials and Spare Parts Management
- Root Cause Problem Elimination
- Improving equipment data and technical database