



reliability. experience. integrity.®

Foundational Awareness for Maintenance and Reliability Professionals

A comprehensive 4-day course designed to provide participants with an understanding and appreciation of the many foundational elements required for success in the maintenance and reliability field.

LINKING THE ELEMENTS FOR SUCCESS

The maintenance and reliability field is challenging. The number of ways even the most well-intentioned maintenance and reliability improvement initiative can derail are too numerous to count. Not only are diverse technical know-how and skills with reliability required to be successful, but fluency in the language of business and organizational agility when it comes to managing people and culture change are equally important.

This 4-day course provides participants with a comprehensive overview of key foundational elements, both technical and non-technical, which must be understood and integrated in order to be most effective in the maintenance and reliability profession. Participants will learn:

- How to speak the language of business
- How to set targets and monitor performance
- Where to employ reliability improvement strategies
- What best practice work management looks like
- What's required to develop an organizational structure and culture to achieve and sustainable reliability

Not only will participants gain understanding of key elements, but they will also be able to begin to identify the many complex linkages between them.

BENEFITS

A better “big picture” view of what’s required to be successful in maintenance and reliability

Improved effectiveness as a reliability leader and champion

Enhanced skills for communication and culture change

A better understanding of business and reliability performance metrics

Improved understanding of what/where/when to employ reliability improvement methodologies

WHO SHOULD ATTEND?

Plant managers, plant maintenance and reliability leadership, corporate reliability leaders. We also encourage maintenance and reliability professionals interested in developing a more holistic understanding of the elements for successful reliability.





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COURSE OUTLINE

1. The Business of Maintenance and Reliability

- Setting goals and objectives
- Selling change
- Measuring performance evaluation
- Building the business case
- Communication
- Resource planning and budgeting
- Performance agreements

2. Production System Reliability

- Process and industry standards
- Production system understanding
- Process improvement methods
- Environmental, Health, and Safety considerations
- Management of change

3. Equipment Reliability Tactics

- Establishing reliability targets
- Reliability gap analysis
- Equipment maintenance strategy development
- Continuous improvement

4. People and Culture Management

- Assessing organizational competence
- Defining the maintenance and reliability organization
- Skills development
- Communication for change

5. Work management best practices

- Work identification
- Work prioritization
- Planning and scheduling
- Backlog management
- Resource management
- Work history documentation
- Analyzing work history for improved performance
- Performance measures
- Capital project planning
- Information technology

PREREQUISITES

None

