

Rotating Machinery Reliability Improvement Strategies

Learn A-Z of Maintenance from Mechanical Failure Mechanisms, Root Cause Analysis to Reliability Centered Maintenance

21st – 24th November 2022 **Kuala Lumpur (In Person) / Online Training**

Major Benefits of Attending

By end of this course, delegates will be able to: -

- **Identify** the "bad actors" and explore the hidden reasons behind failures
- **Familiarize** with different Predictive Maintenance Technologies
- **Understand** the potential contribution of these technologies to maintenance efficiency
- **Know** how these technologies can interact with and support each other
- **Know** Hints and Tips for practical application of these technologies so as to achieve the best results
- **Develop An Action Plan** to utilise these technologies in their own areas of responsibility, fitting them into the overall maintenance strategy
- **Understand Machine Failure Analysis techniques**

Course Methodology

Client has the option to choose to participate either below method.

Online Training : This course will be conducted via Zoom.

Marriot Group Hotel: This course will be conducted at the hotel with the trainer on site. Participants will need to bring their own laptop. Lunch/Dinner and 2 networking breaks will also be provided.

Training Methodology

Rotating Machinery Reliability Improvement Strategy training course will combine presentations with instructor-guided interactive discussions between participants relating to their individual interests. Video material and case studies aiming at stimulating these discussions and providing maximum benefit to the participants will support the formal presentation sessions. Above all, the course leader will make extensive use of case studies of issues in which he has been personally involved.

Why You Should Attend

Machines deteriorate as they get older so we can expect a certain amount of performance fall-off and general deterioration of the machine, . If we understand the failure mechanisms that are taking place we can identify which parameters best indicate the deterioration of the machine. In this comprehensive course the delegates will benefit from using modern methods & technologies to learn reliability basics, failure analysis and monitoring techniques.

Failure analysis and Predictive Maintenance techniques, including vibration analysis, are discussed in the course, aiming to optimize the maintenance engineering effort while maximising production. Condition monitoring techniques, that will be addressed, include borescope inspection, infrared thermography, tribology and performance monitoring

Who Should Attend?

Rotating Machinery Reliability Improvement Strategies training course is suitable for a wide range of professions, but will specifically benefit:

- Reliability Engineers and Supervisors who are involved in Root Cause Failure Analysis
- Production and Maintenance Staff who are involved in Reliability Centered Maintenance (RCM)
- Staff from Design, Planning and other related Departments
- Inspection Engineers for Condition Monitoring

Organized by:



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For more details, contact hello@fdb.sg

