



Asia Masters Center

Modern Maintenance Technologies



Modern Maintenance Technologies

➔ Course Objective

- Apply modern maintenance technologies & methodologies in the appropriate way
- Understand how each of these technologies contribute to maintenance efficiency
- Explain how these technologies interact with and support each other
- Achieve the best results in practicing these technologies
- Develop an action plan to utilize these technologies in their own areas of responsibility, fitting them into the overall maintenance strategy and to measure the benefits

➔ Target Audience

- All professionals involved in Maintenance,
- Engineering and Production
- Anyone who wishes to update themselves on Modern Maintenance Technologies, judge the suitability of these technologies for their needs,
- The people who learn how to implement them for the benefit of their organizations



Course Outline

- **DAY 1**
- **Introduction & Overview – Challenging the Traditional Approaches to Maintenance**
- Asset Management: A Business-like Approach of Maintenance
- Cost / Benefit Thinking: Spending the Right Amount of Maintenance
- Applying Basic Optimization Tools to Support Cost / Benefit Decisions
- Introduction to Risk
- Risk in Maintenance & Operations
- **DAY 2**
- **Risk Based Maintenance (RBM)**
- Deterioration: The Way Assets Could Fail
- Representation of Risk
- The Seven Steps of Risk Based Maintenance (RBM) – *The Methodology*
- Failure Behaviour
- Choosing the Right Maintenance Task
- **DAY 3**
- **Root Cause Analysis (RCA)**
- Multiple Realities
- Subjective Views
- Effective Problem Solving
- Cause and Effect Relations
- RCA Methodologies – *Examples and Application*

➤ **DAY 4**

➤ **Process Audits, Maintenance Assessments & Benchmarking**

- Where are we now? – *Introduction to Process Audits, Benchmarking & Assessments*
- Process Audit – *basic theory*
- Auditing in Practice
- Maintenance Assessment – *basic theory*
- Execution of a Maintenance Assessment of the Work Planning & Control Process
- Benchmarking – *basic theory*
- Benchmark Studies
- How to Interpret Benchmark Results

➤ **DAY 5**

➤ **Performance Management & Decision Support Tools**

- Defining Performance
- Applying Specific Performance Indicators and Process Parameters to Measure the Performance of Assets, Activities and Processes
- Performance Management: Influencing the Behaviour of People to Gain Better Results
- Applying Sophisticated Decision Support Tools to Optimize Maintenance Performance

➤ **The Feature Of Asia Master Training And Development Center**

- we pick up the customer from the airport to the hotel.
- we give the participant training bag includes all the necessary tools for the course.
- Working within groups to achieve the best results.
- All our courses are confirmed and we do not postpone or cancel the courses regardless of the number of participants in the course.
- We can assist you in booking hotels at discounted prices if you wish to book through us.
- We offer the certificate from Asia Masters Center for Training and Administrative Development.

➡ **The Cost Of The Training Program Includes The Following:**

- 1) Scientific article on flash memory.
- 2) Training Room.
- 3) Training.
- 4) Coffee break.
- 5) The training bag includes all the tools for the course.

Price (USD)

**Communicate with the training department
to know the participation fees**

➤ **There are offers and discounts for groups**

The details of the bank account

Bank name: CIMB Bank Berhad

Account name: Asia Masters Center SDN. BHD

Bank account number: 80-0733590-5

Swift code: CIBBMYKL

IBAN: Null