

Scandinavian Academy
Training Center

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Riyadh - Al Khaleej District - Sheikh Abdul Aziz Bin Abdul Rahman Bin Bishr Street - 13223 - Office No. 5 | P.O.BOX : 13224

Course: Effective Reliability & Maintenance Best Practices

Code	City	hotel	Start	End	price	Language - Hours
MA-156SA	Al Baha	Hotel Meeting	2027-05-30	2027-06-03	13950 SR	En - 25

Introduction

Learning Effective Reliability and Maintenance Best Practices are critical for every successful individual and company. This course delivers many practical and new Maintenance and Reliability Best Practices concepts and tools. You will discuss these concepts and practice using practical tools in case studies and discussion groups. The costs associated with equipment downtime and reduced production can be significant. Learning how to effectively manage all aspects of your industrial facility is a must.

Course Objectives

- Evaluate and justify your maintenance programs using Value = Benefit - Cost.
- Apply Life Cycle cost and risk planning to your facility assets.
- Target Maintainability and/or Reliability in the development of your facility maintenance plans.
- Learn the PLAN, DO, REVIEW cycle of continuous improvement.
- Apply the theory of this session using practical case studies.

Who should attend?

It is highly recommended that all Maintenance, Reliability, Engineering and technical support staff including leadership and management attend this workshop.

- Operations Supervisors
- Planners

- Maintenance Supervisors
- Engineers
- Crafts and Tradesmen
- Reliability Engineers

Course Outlines

Asset Cost Management Introduction

- Best Practice Reliability and Maintenance processes
- Elements of Best practice Asset Management
- Asset Management Team-work Skills
- Open discussion sessions

Laying the Groundwork

- Asset Management - definitions
- Reliability& Maintenance Information requirements
- Inventory Impact and Costs
- Determining Best Practice PM Frequency
- Selecting Reliability & Maintenance Tactics
- Developing and selecting Predictive maintenance systems
- Open Discussion sessions

Applying the Value based Process

Maintenance & Reliability Mgt Performance Management

- Reliability & Failure analysis best Practices
- Failure Analysis Best Practice Software
- Case Study

Applying the Value based Process

- Best Practice Criticality assessment methodologies
- Best Practice Equipment Life Cycle management
- Life Cycle Reliability assessment Best Practices
- Developing best practice Maintenance Programs
- Maintenance Program justification techniques
- Cost justification Best Practice software
- Case Study

Review

- Case study
- Concepts, questions and answer session

The Scandinavian Academy for Training Center adopts the latest scientific and professional methodologies in training and human resource development, aiming to enhance the efficiency of individuals and organizations. Training programs are delivered through a comprehensive approach that includes:

- Theoretical lectures supported by PowerPoint presentations and visual materials (videos and short films).
- Scientific evaluation of participants before and after the program to measure progress and knowledge acquisition.
- Brainstorming sessions and practical role-playing to simulate real-life scenarios.
- Case studies tailored to align with the training content and participants work nature.
- Assessment tests conducted at the end of the program to evaluate the achievement of training objectives.

Each participant receives the training material (both theoretical and practical) in printed form and saved on a CD or flash drive. Detailed reports, including attendance records, final results, and overall program evaluations, are also provided.

Training materials are prepared professionally by a team of experts and specialists in various fields. At the end of the program, participants are awarded a professional attendance certificate, signed and accredited by the Scandinavian Academy for Training Center.

Program Timings: 9:00 AM to 2:00 PM

The program includes:

- A daily buffet provided during the sessions to ensure participants comfort.
- A closing ceremony on the final day to distribute certificates and celebrate participants achievements.
- **Note: All prices are exclusive of 15% Value Added Tax (VAT).**

Our Success Partners

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