Maintenance Planning, Process Engineering & Instrumentation

SCANDINAVIAN ACADEMY
For Training and Development

Course: Effective Reliability & Maintenance Best Practices

Code	City	hotel	Start	End	price	Hours
156	Marbella (Spain)	Hotel Meeting Room	2024-04-29	2024-05-03	5450 €	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 employs modern methods in training and skills development, enhancing the efficiency of human resource development. We follow these practices:

- **Theoretical Lectures:**
  - We deliver knowledge through advanced presentations such as PowerPoint and visual materials, including videos and short films.
- **Scientific Assessment:**
  - We evaluate trainees skills before and after the course to ensure their progress.
- **Brainstorming and Interaction:**
  - We encourage active participation through brainstorming sessions and applying concepts through role play.
- **Practical Cases:**
  - We provide practical cases that align with the scientific content and the participants specific needs.
- **Examinations:**
  - Tests are conducted at the end of the program to assess knowledge retention.
- **Educational Materials:**
  - We provide both printed and digital scientific and practical materials to participants.
- **Attendance and Final Result Reports:**
  - We prepare detailed attendance reports for participants and offer a comprehensive program evaluation.
- **Professionals and Experts:**
  - The programs scientific content is prepared by the best professors and trainers in various fields.
- **Professional Completion Certificate:**
  - Participants receive a professional completion certificate issued by the Scandinavian Academy for Training and Development in the Kingdom of Sweden, with the option for international authentication.
- **Program Timings:**
  - Training programs are held from 10:00 AM to 2:00 PM and include buffet sessions for light meals during lectures.