



*Training Course:
Auxiliary Equipment Efficiency*

10 - 14 November 2024

Dubai (UAE)

Residence Inn by Marriott Sheikh Zayed Road, Dubai

Training Course: Auxiliary Equipment Efficiency

Training Course code: SC235209 From: 10 - 14 November 2024 Venue: Dubai (UAE) - Residence Inn by Marriott Sheikh Zayed Road, Dubai Training Course Fees: 4565 € Euro

Introduction:

The Auxiliary Equipment Efficiency training program aims to provide participants with a comprehensive understanding of auxiliary equipment in various industries and how to maximize their efficiency. This program is designed for professionals involved in the operation, maintenance, and management of auxiliary equipment.

Target Audience:

This training program is suitable for:

- Plant operators and technicians
- Maintenance personnel
- Engineers involved in auxiliary equipment design and optimization
- Facilities and operations managers
- Anyone seeking to enhance their knowledge of auxiliary equipment efficiency

Objectives:

By the end of this training program, participants will be able to:

- Recognize the significance of auxiliary equipment in industrial processes.
- Identify key components and functions of various auxiliary equipment.
- Implement strategies to improve the efficiency and reliability of auxiliary equipment.
- Enhance safety and environmental compliance related to auxiliary equipment operations.
- Optimize resource utilization and reduce operational costs.

Outlines:

Day 1: Introduction to Auxiliary Equipment 5 hours

- Role and importance of auxiliary equipment
- Types and classifications of auxiliary equipment

- Basic principles of auxiliary equipment operation
- Overview of energy consumption and efficiency concerns

Day 2: Pumps and Compressors Efficiency 5 hours

- Pump and compressor fundamentals
- Pump and compressor types and selection
- Performance monitoring and optimization
- Maintenance and reliability strategies

Day 3: Fans and Blowers Efficiency 5 hours

- Types and applications of fans and blowers
- Fan and blower performance characteristics
- Control and optimization of fan systems
- Case studies on fan and blower efficiency improvements

Day 4: Heat Exchangers and Cooling Systems Efficiency 5 hours

- Heat exchanger principles and types
- Cooling systems and their efficiency considerations
- Heat exchanger maintenance and fouling prevention
- Energy-efficient cooling system design and operation

Day 5: Electrical and Control Systems for Auxiliary Equipment 5 hours

- Electrical systems and power quality for auxiliary equipment
- Control and automation of auxiliary equipment
- Energy management and optimization
- Future trends and best practices in auxiliary equipment efficiency

Registration form on the Training Course: Auxiliary Equipment Efficiency

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