



*Training Course:  
Auxiliary Equipment Efficiency*

*14 - 18 October 2024  
Madrid (Spain)  
Pestana CR7 Gran Vía*

## Training Course: Auxiliary Equipment Efficiency

Training Course code: SC235209 From: 14 - 18 October 2024 Venue: Madrid (Spain) - Pestana CR7 Gran Vía Training Course Fees: 5775 € 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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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

### Delegate Information

Full Name (Mr / Ms / Dr / Eng): .....  
 Position: .....  
 Telephone / Mobile: .....  
 Personal E-Mail: .....  
 Official E-Mail: .....

### Company Information

Company Name: .....  
 Address: .....  
 City / Country: .....

### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....  
 Position: .....  
 Telephone / Mobile: .....  
 Personal E-Mail: .....  
 Official E-Mail: .....

### Payment Method

- Please find enclosed a cheque made payable to Global Horizon
- Please invoice me
- Please invoice my company

### Easy Ways To Register

Telephone:  
+201095004484 to  
provisionally reserve your  
place.

Fax your completed  
registration  
form to: +20233379764

E-mail to us :  
info@gh4t.com  
or training@gh4t.com

Complete & return the  
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to: Global Horizon  
3 Oudai street, Aldouki,  
Giza, Giza Governorate,  
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