



*Training Course:  
Power Plant Controllable Losses*

*4 - 8 November 2024  
Kigali (Rwanda)*

## Training Course: Power Plant Controllable Losses

Training Course code: SC235206 From: 4 - 8 November 2024 Venue: Kigali (Rwanda) - Training Course Fees: 6545 € Euro

### Introduction:

Welcome to the Power Plant Controllable Losses training program, proudly designed and delivered by Global Horizon Training Center. In this comprehensive program, we will equip you with the knowledge and skills needed to identify, mitigate, and manage controllable losses in power plants.

### Objectives:

Upon completion of this program, participants will be able to:

- Understand the concept of controllable losses in power plants.
- Identify common sources of controllable losses.
- Implement strategies to minimize and manage controllable losses.
- Enhance the efficiency and profitability of power plant operations.

### Target Audience:

This training program is designed for professionals and students involved in power plant operations, including:

- Power plant managers and supervisors.
- Engineers and technicians in the power generation industry.
- Energy professionals seeking to optimize power plant efficiency.

### Outlines:

#### Day 1: Fundamentals of Controllable Losses

- Introduction to Power Plant Efficiency.
- Types and Significance of Controllable Losses.

#### Day 2: Identifying Loss Sources

- Boiler Efficiency and Heat Losses.

- Steam Turbine Efficiency.
- Generator Efficiency.
- Cooling Systems and Heat Rejection.
- Electrical Losses.

#### Day 3: Strategies for Loss Reduction

- Combustion Optimization.
- Steam Turbine Upgrades.
- Maintenance Best Practices.
- Monitoring and Control Systems.
- Efficiency Improvement Technologies.

#### Day 4: Case Studies and Practical Applications

- Analyzing Real-world Power Plants.
- Identifying Controllable Losses in Case Studies.
- Developing Strategies for Loss Reduction.
- Practical Exercises and Simulations.

#### Day 5: Implementation and Monitoring

- Implementing Loss Reduction Strategies.
- Performance Monitoring and Data Analysis.
- Continuous Improvement and Best Practices.

## Registration form on the Training Course: Power Plant Controllable Losses

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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  
booking form with cheque  
to: Global Horizon  
3 Oudai street, Aldouki,  
Giza, Giza Governorate,  
Egypt.