



*Training Course:
Power Plant Controllable Losses*

25 - 29 May 2025

Cairo (Egypt)

Holiday Inn & Suites Cairo Maadi, an IHG Hotel

Training Course: Power Plant Controllable Losses

Training Course code: SC235206 From: 25 - 29 May 2025 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 3575 € 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

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Payment Method

- Please find enclosed a cheque made payable to Global Horizon
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