



*Training Course:
Main Equipment Performance (Planning and
Selection)*

*17 - 21 January 2027
Cairo (Egypt)*

Training Course: Main Equipment Performance (Planning and Selection)

Training Course code: SC235630 From: 17 - 21 January 2027 Venue: Cairo (Egypt) - Training Course Fees: 4100 € Euro

Introduction

Welcome to the [Main Equipment Performance Planning and Selection](#) training program, proudly brought to you by Global Horizon Training Center. This intensive program is crafted to equip participants with the essential knowledge and skills to optimize equipment performance across various industries.

Objectives

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

- Understand the critical role of main equipment in industrial processes.
- Identify key factors influencing equipment performance.
- Apply effective planning and selection strategies.
- Enhance equipment efficiency, reliability, and lifespan.

Target Audience

This training is suited for professionals, engineers, and decision-makers responsible for equipment planning and selection, such as:

- Plant managers and supervisors
- Mechanical and electrical engineers
- Maintenance and operations personnel
- Procurement and project managers

Outlines

Day 1:

Foundations of Equipment Performance

- Introduction to Equipment Performance: Overview of equipment roles in industrial processes.
- Importance of Main Equipment: Key functions and its impact on operational success.
- Factors Influencing Equipment Performance: Environmental, operational, and maintenance-related factors.

Day 2:

Strategic Equipment Planning and Lifecycle Management

- Planning Strategies for Optimal Performance: Techniques for effective equipment planning.
- Predictive and Preventive Maintenance: Methods to enhance reliability and reduce downtime.
- Lifecycle Management: Cost control, performance tracking, and replacement planning.

Day 3:

Equipment Selection and Performance Optimization

- Selection Criteria and Specifications: Choosing equipment based on technical and operational needs.
- Vendor Evaluation and Selection: Assessing suppliers and building reliable partnerships.
- Performance Optimization Techniques: Improving efficiency, energy use, and operational output.

Day 4:

Equipment Maintenance and Troubleshooting

- Maintenance Strategies: Preventive, predictive, and corrective maintenance approaches.
- Troubleshooting Techniques: Identifying and resolving common equipment faults.
- Maintenance Planning: Scheduling and resource allocation for optimal performance.

Day 5:

Operational Efficiency and Performance Improvement

- Monitoring Equipment Performance: Key indicators and performance evaluation methods.
- Efficiency Enhancement Techniques: Reducing downtime and improving productivity.
- Case Study & Best Practices: Real-world applications and final review.

Registration form on the Training Course: Main Equipment Performance (Planning and Selection)

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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