



*Training Course:
Main Equipment Efficiency*

*5 - 9 August 2024
Cape Town (South Africa)
DoubleTree by Hilton Cape Town - Upper Eastside*

Training Course: Main Equipment Efficiency

Training Course code: SC235207 From: 5 - 9 August 2024 Venue: Cape Town (South Africa) - DoubleTree by Hilton Cape Town - Upper Eastside Training Course Fees: 6545 € Euro

Introduction:

The Main Equipment Efficiency training program is designed to equip participants with the knowledge and skills necessary to maximize the efficiency and performance of essential equipment in industrial settings. This program is intended for professionals involved in equipment maintenance, reliability, and operation.

Target Audience:

This training program is suitable for:

- Maintenance and reliability engineers
- Equipment operators and technicians
- Plant managers and supervisors
- Engineers involved in equipment design and procurement
- Anyone seeking to enhance their understanding of equipment efficiency

Objectives:

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

- Understand the importance of equipment efficiency in industrial operations.
- Identify key factors affecting equipment performance.
- Implement best practices for equipment maintenance and operation.
- Optimize equipment reliability and reduce downtime.
- Improve safety and environmental compliance in equipment management.

Outlines:

Day 1: Introduction to Equipment Efficiency 5 hours

- Importance of equipment efficiency in industry
- Key performance indicators KPIs for equipment

- Factors affecting equipment efficiency
- Cost implications of inefficient equipment

Day 2: Equipment Maintenance Strategies 5 hours

- Preventive vs. predictive maintenance
- Condition-based monitoring techniques
- Asset management and life cycle analysis
- Case studies on maintenance success stories

Day 3: Equipment Operation and Optimization 5 hours

- Proper equipment start-up and shutdown procedures
- Operating conditions and performance monitoring
- Troubleshooting common equipment issues
- Efficiency improvement techniques

Day 4: Reliability and Safety 5 hours

- Reliability-centered maintenance RCM
- Root cause analysis RCA
- Safety protocols in equipment operation and maintenance
- Environmental compliance and equipment emissions control

Day 5: Future Trends and Best Practices 5 hours

- Emerging technologies in equipment management
- Industry-specific case studies and best practices
- Continuous improvement and performance tracking
- Course review, Q&A, and certification

Registration form on the Training Course: Main Equipment Efficiency

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

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Position:
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Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
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