



*Training Course:
Lubrication Program Optimization for Industrial
Applications*

7 - 11 September 2025

Dubai (UAE)

Residence Inn by Marriott Sheikh Zayed Road, Dubai

Training Course: Lubrication Program Optimization for Industrial Applications

Training Course code: SC235720 From: 7 - 11 September 2025 Venue: Dubai (UAE) - Residence Inn by Marriott Sheikh Zayed Road, Dubai Training Course Fees: 4900 € Euro

Introduction

Optimizing lubrication programs is essential for achieving maximum equipment reliability, reducing maintenance costs, and ensuring operational excellence in industrial applications. This advanced training program, designed by Global Horizon Training Center, provides participants with the expertise to develop, implement, and refine lubrication programs that align with the highest industry standards. Through a combination of theoretical insights and practical applications, this course equips professionals with the tools to enhance equipment performance and extend machinery lifespan.

Objectives

By the end of this program, participants will:

1. Understand the principles and practices of optimizing lubrication programs.
2. Analyze and interpret lubrication-related data to improve decision-making.
3. Implement effective contamination control strategies.
4. Integrate lubrication practices into overall maintenance and reliability strategies.
5. Develop customized lubrication schedules for diverse industrial applications.

Course Methodology

The course employs a blend of lectures, interactive discussions, hands-on workshops, and case studies. Participants will engage in practical exercises to apply concepts and gain insights into real-world scenarios, fostering a deeper understanding of lubrication program optimization.

Organizational Impact

Organizations participating in this program will benefit by:

- Enhancing equipment reliability and reducing downtime.
- Minimizing operational costs through efficient lubrication practices.
- Improving safety and compliance with lubrication standards.

- Prolonging the lifespan of industrial machinery.
- Increasing overall productivity and operational efficiency.

Target Audience

This training program is designed for:

- Maintenance Engineers and Managers
- Reliability Engineers
- Plant Operations Managers
- Asset Management Professionals
- Lubrication Specialists
- Industrial Technicians involved in lubrication and maintenance activities

Course Outline

Day 1: Fundamentals of Lubrication Optimization

- Overview of lubrication programs and their importance
- Key components of an effective lubrication program
- Understanding lubricant properties and performance
- Basic principles of friction, wear, and viscosity
- Workshop: Assessing the current state of lubrication practices

Day 2: Advanced Contamination Control Techniques

- Sources and types of contamination in lubrication systems
- Best practices for contamination prevention and control
- Designing filtration and cleaning systems
- Role of contamination control in predictive maintenance

- Case study: Contamination control success stories

Day 3: Data-Driven Lubrication Management

- Leveraging oil analysis for informed decision-making
- Tools and technologies for monitoring lubricant conditions
- KPI development for lubrication performance tracking
- Interpreting trends and diagnosing issues
- Practical exercise: Analyzing sample oil analysis reports

Day 4: Customizing Lubrication Schedules

- Developing tailored lubrication schedules for different equipment
- Balancing lubrication frequency and cost-effectiveness
- Incorporating environmental and operational factors
- Utilizing software tools for lubrication planning
- Group activity: Designing a lubrication schedule for a sample plant

Day 5: Strategic Integration and Continuous Improvement

- Integrating lubrication management with overall maintenance strategies
- Building a lubrication-focused reliability culture
- Training and certifying lubrication teams
- Continuous improvement strategies for lubrication programs
- Final presentation: Developing a roadmap for optimizing an industrial lubrication program

Registration form on the Training Course: Lubrication Program Optimization for Industrial Applications

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- Please find enclosed a cheque made payable to Global Horizon
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3 Oudai street, Aldouki,
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