



HARNESS THE POWER
OF KNOWLEDGE

**Advanced Training Program on
Lubrication System Adjustment
and Control**

TRAIN



Introduction

Proper lubrication is crucial for the efficient operation and longevity of industrial machinery. This comprehensive 5-day training program, delivered by Global Business Minds, will equip participants with in-depth knowledge and practical skills in the adjustment and control of lubrication systems.

Day 1: Fundamentals of Lubrication Systems

- Overview of lubrication systems and their role in industrial machinery
- Understanding the principles of lubrication, including lubrication types, methods, and applications
- Familiarization with different types of lubrication systems, such as oil lubrication, grease lubrication, and mist lubrication
- Exploration of the lubrication cycle, including oil circulation, filtration, and replenishment

Day 2: Lubrication System Components and Selection

- In-depth analysis of various lubrication system components, including pumps, filters, distributors, and metering devices
- Understanding the selection criteria for lubrication system components based on specific application requirements
- Familiarization with lubrication system accessories, such as level indicators, pressure gauges, and alarms
- Exploration of advanced lubrication system technologies, such as intelligent lubrication systems and condition monitoring systems

Day 3: Lubrication System Adjustment and Control

- Principles of lubrication system adjustment, including oil level, pressure, and flow rate adjustment
- Understanding the importance of lubrication system monitoring and control
- Familiarization with various lubrication system control techniques, such as manual control, automatic control, and computerized control
- Exploration of advanced lubrication system control strategies, such as predictive maintenance and adaptive control

Day 4: Troubleshooting and Maintenance of Lubrication Systems

- Identifying and troubleshooting common lubrication system problems, such as oil leaks, pressure drops, and clogging
- Implementing preventive maintenance strategies to minimize lubrication system problems
- Understanding the importance of lubrication system cleanliness and contamination control
- Familiarization with lubrication system maintenance procedures and techniques

Day 5: Advanced Topics in Lubrication System Adjustment and Control

- Exploring emerging trends and advancements in lubrication system adjustment and control
- Addressing lubrication challenges in specific industries, such as power generation, oil and gas, and manufacturing
- Staying up-to-date with the latest lubrication system standards, regulations, and best practices
- Discussing the integration of lubrication systems with other industrial automation systems and supervisory control and data acquisition (SCADA) systems

Target Audience

This training program is designed for engineers, technicians, and professionals involved in the maintenance and operation of industrial lubrication systems, including:

- Maintenance technicians
- Mechanical engineers
- Plant engineers
- Reliability engineers
- Lubrication system specialists

Learning Outcomes

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

- Demonstrate in-depth knowledge of lubrication systems, components, and principles
- Select and configure appropriate lubrication systems for specific applications
- Adjust and control lubrication parameters to ensure optimal lubrication
- Monitor and troubleshoot lubrication system problems
- Implement preventive maintenance strategies for lubrication systems
- Apply advanced lubrication system control techniques
- Stay up-to-date with the latest advancements in lubrication system technology
- Address lubrication challenges in various industries

Certificate Delivered by Global Business Minds:

- Certificate of Completion in Lubrication System - Adjustment and Control

Additional Notes

- This detailed professional training program can be tailored to specific industry requirements and application needs
- Hands-on exercises and case studies can be customized to reflect real-world challenges and scenarios faced by participants
- The training can be delivered in a blended format, combining in-person sessions with online modules for flexibility and accessibility
- Global Business Minds can provide ongoing support and resources to participants to ensure their continued success in lubrication system adjustment and control