



MAESTRO
CONSULTANTS

MAINTAINANCE OF COMPRESSORS & ENGINE DRIVERS

COURSE OUTLINE 2024

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TRAINING TITLE

Maintain of Compressors & Engine Drivers

VENUE

Cairo, Egypt

DURATION

5 Days

DATES

11 - 15 February 2024

PRICE

\$5,250 per attendee including training material/handouts, morning/afternoon coffee breaks and Lunch buffet.

TRAINING INTRODUCTION

This course is designed to equip participants with the knowledge and skills necessary for the effective maintenance of compressors and engine drivers. Participants will gain insights into the principles of operation, troubleshooting, and preventive maintenance strategies for ensuring the optimal performance and longevity of compressors and associated engine drivers.

TRAINING OBJECTIVES

At the end of this training course, you will learn to:

- Understand the fundamentals of compressor and engine driver operation.
- Learn effective maintenance techniques to enhance reliability and efficiency.
- Identify common issues and troubleshoot problems in compressors and engines.
- Develop preventive maintenance plans to minimize downtime.
- Enhance safety practices related to compressor and engine maintenance.

TRAINING AUDIENCE

This course is suitable for maintenance engineers, technicians, and professionals involved in the operation and maintenance of compressors and engine drivers across various industries, including manufacturing, oil and gas, power generation, and more.

TRAINING OUTLINE**Day 1: Introduction to Compressor and Engine Drivers**

- Overview of compressor types and classifications.

- Introduction to different engine drivers used in industrial settings.
- Importance of proper maintenance for optimal performance.

Day 2: Fundamentals of Compressor Operation

- Principles of compression and thermodynamics.
- Understanding compressor components and their functions.
- Types of engines commonly used as drivers.

Day 3: Troubleshooting and Diagnostics

- Common issues and challenges in compressor and engine operation.
- Diagnostic techniques for identifying problems.
- Case studies on troubleshooting scenarios.

Day 4: Preventive Maintenance Strategies

- Developing a comprehensive preventive maintenance plan.
- Lubrication practices and oil analysis.
- Inspection and replacement of key components.

Day 5: Safety Practices and Course Recap

- Safety considerations in compressor and engine maintenance.
- Recap of key maintenance strategies and techniques.
- Q&A session and discussion on practical applications.

TRAINING CERTIFICATE

MAESTRO CONSULTANTS Certificate of Completion for delegates who attend and complete the training course

METHODOLOGY

Our courses are highly interactive, typically taking a case study approach that we have found to be an effective method of fostering discussions and transferring knowledge. Participants will learn by active participation during the program through the use of individual exercises, questionnaires, team exercises, training videos and discussions of “real life” issues in their organizations.

The material has been designed to enable delegates to apply all of the material with immediate effect back in the workplace.