



Safety Valve Maintenance - Principles, Practices, and Protocols

25 - 20 May 2025
Cairo (Egypt)



Safety Valve Maintenance - Principles, Practices, and Protocols

Ref.: 15510_310365 **Date:** 25 - 20 May 2025 **Location:** Cairo (Egypt) **Fees:** 3500 Euro

Introduction:

This training course is designed to provide a comprehensive understanding of maintenance and safety valve operations. It will cover the fundamental principles, advanced concepts, and practical applications of these topics. The course is structured to enhance the skills and knowledge of the participants, enabling them to effectively maintain and operate safety valves in various industrial settings.

Targeted Groups:

- Maintenance Engineers.
- Safety Officers.
- Plant Operators.
- Technical Supervisors.

Course Objectives:

At the end of this course, the participants will be able to:

- Understand the principles of maintenance and safety valve operations.
- Identify and troubleshoot common issues related to safety valves.
- Implement effective maintenance strategies for safety valves.
- Ensure compliance with safety standards and regulations.

Targeted Competencies:

- Maintenance planning and scheduling.
- Safety valve operation and troubleshooting.
- Compliance with safety standards.

Course Content:

Unit 1: Introduction to Maintenance and Safety Valves:

- Overview of maintenance principles.
- Introduction to safety valves.
- Importance of safety valves in industrial settings.

Unit 2: Maintenance Strategies for Safety Valves:

- Preventive and predictive maintenance.
- Condition-based maintenance.
- Maintenance scheduling and planning.



Unit 3: Operation of Safety Valves:

- Basic operation of safety valves.
- Advanced operational techniques.
- Troubleshooting common issues.

Unit 4: Safety Standards and Regulations:

- Overview of safety standards.
- Compliance with regulations.
- Safety audits and inspections.

Unit 5: Advanced Topics and Case Studies:

- Advanced maintenance techniques predictive maintenance, condition monitoring.
- Case studies highlighting real-life valve maintenance challenges and solutions.
- Group discussions and knowledge sharing.
- Assessment and certification.



**Registration form on the :
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