Training Course:
Flame Detectors: Installation, Testing, and Maintenance

10 - 14 March 2025
Liverpool (UK)

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Flame Detectors: Installation, Testing, and Maintenance

Training Course code: HE235463 From: 10 - 14 March 2025 Venue: Liverpool (UK) - Training Course Fees: 5775 Ⓔ Euro

Introduction

The "Flame Detectors: Installation, Testing, and Maintenance" training program, designed by Global Horizon Training Center, provides participants with a comprehensive understanding of flame detection systems. This course covers the principles of flame detection, the different types of flame detectors, and the best practices for their installation, testing, and maintenance. Participants will gain practical skills to ensure the reliable operation of flame detection systems, enhancing safety in various industrial environments.

Objectives

- Understand the principles and operation of different types of flame detectors.

- Learn the best practices for installing flame detectors in various industrial settings.

- Develop skills for testing and maintaining flame detection systems.

- Identify common issues and troubleshooting methods for flame detectors.

- Ensure compliance with safety standards and regulations.

Course Methodology

This course employs a combination of lectures, hands-on exercises, case studies, and interactive discussions to provide a comprehensive learning experience. Participants will engage in practical sessions to apply theoretical knowledge and develop their skills in real-world scenarios.

Organizational Impact

By attending this course, organizations will:

- Enhance the safety and reliability of their flame detection systems.

- Reduce the risk of fire-related incidents and improve emergency response.

- Ensure compliance with industry standards and regulations.

- Improve the knowledge and skills of their personnel in flame detection systems.

- Minimize downtime and maintenance costs through effective flame detector management.

Target Audience

This course is ideal for:

- Safety engineers and managers

- Maintenance and technical personnel

- Electrical and instrumentation engineers

- Fire protection professionals

- Anyone responsible for the installation, testing, and maintenance of flame detection systems

Outlines

Day 1: Introduction to Flame Detectors

- Overview of flame detection principles

- Types of flame detectors UV, IR, UV/IR, multi-spectrum

- Applications and industries

- Safety standards and regulations

- Introduction to the components of flame detection systems

Day 2: Installation of Flame Detectors

- Site survey and risk assessment

- Selection criteria for flame detectors

- Installation guidelines and best practices

- Environmental considerations

- Hands-on installation exercises

Day 3: Testing Flame Detectors

- Importance of regular testing

- Testing methods and procedures

- Functional and operational testing

- Calibration techniques

- Practical testing sessions

Day 4: Maintenance of Flame Detectors

- Maintenance schedules and procedures

- Common issues and troubleshooting

- Cleaning and calibration

- Record keeping and documentation

- Maintenance exercises and case studies

Day 5: Advanced Topics and Case Studies

- Integration with fire alarm and suppression systems

- Advanced troubleshooting techniques

- Case studies and real-world examples

- Group discussions and Q&A

- Final assessment and review

Registration form on the Training Course:
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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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Payment Method

☐ Please find enclosed a cheque made payable to Global Horizon

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