Global Horizon
TRAINING CENTER

Training Course:
Risk Based Inspection Certification

31 August - 4 September 2026
Casablanca (Morocco)

Training Course:
Risk Based Inspection Certification

Training Course code: MA1938 From: 31 August - 4 September 2026 Venue: Casablanca (Morocco) - Training Course Fees: 4725 Euro

Introduction:

Welcome to the Risk-Based Inspection training program, designed by Global Horizon Training Center. This comprehensive training aims to equip participants with the knowledge and skills required to implement effective risk-based inspection strategies in their respective industries. By understanding the principles and methodologies of risk-based inspection, participants will be able to optimize inspection efforts, prioritize resources, and enhance safety and reliability.

Objectives:

- Understand the concept of risk-based inspection and its importance in various industries.
- Learn the principles and methodologies of risk assessment and risk management.
- Develop the skills to identify and evaluate risks associated with equipment and assets.
- Gain knowledge of inspection techniques and methodologies used in risk-based inspection.
- Acquire the ability to develop and implement risk-based inspection plans.
- Learn how to interpret and utilize inspection data for decision-making and maintenance strategies.

Target Audience

This program is designed for professionals responsible for the integrity and reliability of assets and equipment, including:

- Maintenance engineers and supervisors
- Inspection engineers and technicians
- Asset management and reliability professionals
- Safety and operations managers

It is suitable across various industries where ensuring equipment performance, safety, and compliance is critical.

Outlines:

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Day 1: Introduction to Risk-Based Inspection

- Importance of risk-based inspection in ensuring safety and reliability
- Overview of relevant industry standards and regulations
- Introduction to risk assessment and risk management principles

Day 2: Risk Identification and Evaluation

- Techniques for identifying risks associated with equipment and assets
- Qualitative and quantitative risk assessment methods
- Prioritizing risks based on severity, probability, and detectability

Day 3: Inspection Techniques and Methodologies

- Overview of various inspection techniques visual, non-destructive testing, etc.
- Understanding inspection methodologies API 580, RBI software, etc.
- Selection and optimization of inspection methods based on risk analysis

Day 4: Developing Risk-Based Inspection Plans

- Components of a risk-based inspection plan
- Developing inspection schedules and intervals based on risk profiles
- Integration of risk-based inspection with maintenance and reliability programs

Day 5: Data Analysis and Decision-Making

- Collection and interpretation of inspection data
- Using data to make informed decisions on maintenance strategies
- Continuous improvement and optimization of risk-based inspection programs
- Final Exam

Registration form on the Training Course: Risk Based Inspection Certification

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

Delegate Information

Full Name (Mr / Ms / Dr / Eng): .....
Position: .....
Telephone / Mobile: .....
Personal E-Mail: .....
Official E-Mail: .....

Company Information

Company Name: .....
Address: .....
City / Country: .....

Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....
Position: .....
Telephone / Mobile: .....
Personal E-Mail: .....
Official E-Mail: .....

Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
- ☐ Please invoice me
- ☐ Please invoice my company

Easy Ways To Register

Telephone: +201095004484 to provisionally reserve your place.	Fax your completed registration form to: +20233379764	E-mail to us : info@gh4t.com or training@gh4t.com	Complete & return the booking form with cheque to:Global Horizon 3 Oudai street, Aldouki, Giza, Giza Governorate, Egypt.