# Training Course:
# Industrial Hygiene & Occupational Health

**31 March - 4 April 2025**
**London (UK)**
**Landmark Office Space - Oxford Street**

# Training Course:
# Industrial Hygiene & Occupational Health

Training Course code: HE32546  From:  31 March - 4 April 2025  Venue:  London (UK) - Landmark Office Space - Oxford Street Training Course Fees:  5775  ⬜ Euro

## Introduction

The health of the workforce is vital to the performance of the organization. This course focuses on an understanding of good industrial hygiene and occupational health, and how this area affects the health and well-being of employees and contractors who are exposed to health hazards in the workplace. Industrial hygiene and occupational health programs play a vital role in helping organizations care for and understand the occupational health risks to their employees, enabling them to protect them and, subsequently reduce sickness absence levels and optimize employee performance.

Industrial hygiene and occupational health are a vital component of an organization⬜s health and safety management system for the effective management of operational risks. The purpose of this course is to provide delegates with the knowledge and understanding of industrial hygiene and occupational health issues and their solutions.

This training course will feature:

- Understanding the importance of Health in ⬜Health & Safety⬜
- Assessments of risks to health, and the implementation of proportionate control measures
- Information on how work and work activities can adversely affect workers
- Syndicate sessions covering some apparently simple projects, and learning lessons applicable to most organizations
- Embedding Health into the Culture and Policy of an organization

## Course Objectives of Industrial Hygiene & Occupational Health

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

- Understand the aspects of industrial hygiene and occupational health
- Appreciate the difference between Health and Safety
- Understand how work can make workers ill and what you can do to change this
- Implement occupational health management and surveillance procedures
- Identify occupational health issues and the relevant risk reduction solutions

## Course Target Audience of Industrial Hygiene & Occupational Health

This course is intended as a solid grounding in the principles of Industrial Hygiene and Occupational Health for people new to this area of responsibility and for those with moderate experience. It is ideally suited to Managers, Supervisors, and Team Leaders.

This training course is suitable for a wide range of professionals but will greatly benefit:

- Industrial Occupational Hygienists who develop and manage health programs
- All managers, supervisors and those who are involved with occupational health

- Production, maintenance, engineers and health, and safety personnel
- All personnel involved in purchasing and managing hazardous substances

## Course Outlines of Industrial Hygiene & Occupational Health

### Day One: Introduction to Industrial Hygiene and Occupational Health

- What are industrial hygiene and occupational health?
- The Health aspect of Health and Safety
- Identifying health risks to employees and contractors
- Understanding health risk effects on the human body and its organs
- Global strategies and trends
- Syndicate Session: Asbestos and other problems
- Work organization, work-related stress, and well-being
- Thinking about the Culture of the organization

### Day Two: Organ Structure and Function

- Every breath you take: The lungs and respiratory ill-health
- Syndicate Session: Respiratory ill health and silica
- Effects of inhaled materials
- Skin deep: Dermatitis and other issues
- Effects of physical agents on major organs
- Biological agents and their effects
- Occupational Health and Corporate Culture - do you care?

### Day Three: Occupational Health Risks

- Occupational health elements and their health risk effects
- Occupational diseases and infections
- Occupational toxicology chemicals, gases, vapors, and fibers
- Consideration of COSHH
- Syndicate exercise: Reviewing Controls and staying up to date e.g. Welding
- Musculoskeletal disorders and prevention solutions
- Health effects of light, heat, noise, vibration, pressure, and radiation
- Syndicate Session

### Day Four: Principles of Industrial Hygiene

- Principles of Health Risk Assessment
- Syndicate exercise
- Design of exposure measurement surveys and analysis
- Retrospective exposure assessment
- Biological monitoring
- Sampling methods for gases, vapors, and aerosols

- Dermal exposure assessment

## Day Five: Occupational Health Management

- Occupational health monitoring and surveillance programs
- Noise, vibration, thermal and lighting management
- Personal protective equipment and its limitations in protecting the health
- Understanding Global, Regional and Local Environmental Issues
- Implement an occupational health management program
- Occupational Health and Corporate Culture
- Summary of Course Key Points

# Registration form on the Training Course:
# Industrial Hygiene & Occupational Health

Training Course code:  HE32546  From:  31 March - 4 April 2025  Venue:  London (UK) - Landmark Office Space - Oxford Street Training Course Fees:  5775  Euro

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. |