



*Training Course:  
Industrial Hygiene*

*15 - 19 September 2024*

*Cairo (Egypt)*

*Holiday Inn & Suites Cairo Maadi, an IHG Hotel*

## Training Course: Industrial Hygiene

Training Course code: HE7011 From: 15 - 19 September 2024 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 3575 € Euro

### Introduction

This program covers all the key concepts of industrial hygiene, including anticipating, recognizing, evaluating, communicating, and control of workplace conditions that have the potential to cause occupational disease and illness. The program is aimed at individuals and managers who wish to learn more about or enhance their knowledge, industrial occupational hygiene.

The key elements covered include:

- Occupational hygiene program principles
- Health hazards biological, chemical, etc
- Essential sciences human anatomy, biology, and chemical effects
- Occupational diseases
- Health, sampling, measurement and evaluation techniques

### Course Objectives of Industrial Hygiene

- Obtain an in-depth knowledge of the industrial hygiene range of topics
- Learn about the different types of occupational diseases and illness conditions
- Understand how to anticipate, recognize, evaluate, communicate, and control workplace conditions
- Participate in case study exercises and group discussions regarding industrial hygiene management

### Course Process of Industrial Hygiene

Delegates will learn by active participation through interactive presentation tools, supported by videos, delegate exercises, and case studies, in which delegates will learn the key elements of industrial hygiene, as related to the business activities of their particular organization.

### Course Summary of Industrial Hygiene

The purpose of this Industrial Hygiene training session is to provide delegates with the key principles and essential knowledge and skills to manage and monitor the professional practice of industrial hygiene, including anticipating, recognizing, evaluating, communicating health risks and, the control of workplace conditions that have the potential to cause occupational disease and illness.

### Course Outlines of Industrial Hygiene

#### Day 1: Introduction to Industrial Hygiene

- What is industrial hygiene?
- Industrial hygiene management systems
- Occupational exposure standards
- Overview of the types of health risks

- Occupational diseases and illness conditions
- Case study review
- Delegate exercise: outline the primary health risks

#### Day 2: Understanding Health Risks

- The human system skeleton, muscles, nerves, circulation, respiratory, skin, sense organs, etc
- Methods of identifying health risks
- Biological risks
- Chemical risks
- Physical risks
- Radiation risks ionizing and non-ionizing
- Delegate exercise: list primary health risks of your organization

#### Day 3: Industrial Toxicology

- Exposure routes of hazardous substances
- Health effects and classification of hazardous substances
  - Toxic, Irritant, Asphyxiant and Anesthetic
  - Hepatotoxic agents
  - Nephrotoxic agents
  - Neurotoxic agents
  - Blood damaging agents
  - Lung damaging agents
- Delegate exercise: produce exposure routes of entry into body diagram

#### Day 4: Measuring and Evaluating Health Risks

- Recognition of potential health risks
- A sampling of gases, vapors, and particulates
- Walk-through surveys
- Health surveillance programs
- Health risk assessment reviews
- Methods of controlling health risks
- Determining health risk control methods
- Case study review
- Delegate exercise: list the use of anticipate, recognize, manage and control of health risks

#### Day 5: Monitoring & Recording Health Risk Controls

- Biological monitoring and medical surveillance
- Hearing conservation programs
- Occupational diseases and illness condition prevention programs
- Learning from incidents of ill health
- Step-by-step guide for managing health risks
- Video: list health risk monitoring and, the records to be kept in your organization
- Key point summary of program topics

## Registration form on the Training Course: Industrial Hygiene

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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.