Training Course:
Human Error Analysis & Prevention

28 April - 2 May 2024
Dubai (UAE)
Residence Inn by Marriott Sheikh Zayed Road, Dubai

Training Course:
Human Error Analysis & Prevention

Training Course code: HE7022 From: 28 April - 2 May 2024 Venue: Dubai (UAE) - Residence Inn by Marriott Sheikh Zayed Road, Dubai Training Course Fees: 4565 □ Euro

Introduction

Human errors refer to the environmental, organisational and job factors, and human and individual characteristics which influence the behaviour at work in a way which can affect an organisation□s health and safety performance. A simple way to view human error is to think about three aspects: the job, the individual and the organisation and how they interact to impact on health and safety-related human behavior.

After an accident involving human failure - using human error analysis tools can identify the causes and contributing human error factors. Establishing these underlying causes of an accident/incident is the key to preventing similar human error accidents/incidents.

This course is aimed at providing delegates with the practical on-site knowledge and skills to develop and successfully implement effective human error analysis techniques.

Course Objectives of Human Error Analysis & Prevention

Participants attending the program will:

- Explain the various human error analysis techniques and how they can be used
- Show how human behavior can lead to human errors and incidents/accidents
- Provide practical ideas and methods for observing and preventing human errors
- Review practical case studies to show how other organizations have used human error analysis techniques to prevent human errors in the workplace

Course Methodology of Human Error Analysis & Prevention

Delegates will learn by active participation through inspiring presentation tools and interactive techniques presented in a lively, enthusiastic, and interesting style. Delegates will take part in practical human error analysis exercises and group discussions, as related to their own organization□s workplace activities.

Course Outlines of Human Error Analysis & Prevention

DAY 1

Introduction to Human Error

- What is human error?
- Understanding the different types of human error
- Human Error related workplace and job task causation factors
- Human failures in the causes of accidents/incidents
- Exercise: Define human error and prevention objectives

DAY 2

Human Error Analysis Factors

- Managing Rule-Breaking situations Violations
- Human behavior patterns leading to human errors
- Cultural behavior and sensory and perception
- Using the Shell ⬛Hearts and Minds⬛ toolkit to improve human behavioral factors
- Exercise: List the different types of human errors and prevention options

DAY 3

Observation Methods for Unsafe Acts and Conditions

- Using the Dupont ⬛STOP⬛ on-site safety observation tool for
  - Observing Substandard Practices and behavior
  - Observing Substandard Conditions
- Using ⬛Job Safety Analysis⬛ to identify and assesses types of human errors
- Exercise: Identify human errors of presented accident scenario

DAY 4
Human Error Analysis Techniques

- Analyzing site operations human error situations
- Using the ⬛Human Reliability Assessment⬛ HRA human error analysis technique
- Human error observation and prevention options
- Options and Solutions for preventing human errors
- Exercise: Using Fault Tree Analysis method to analyze human errors

DAY 5
Human Error Analysis & Prevention - Getting Started

- Identifying and categorizing human errors in the workplace
- Considering Human factors when analyzing incidents and accidents
- Review of Human factors in existing work methods and procedures
- Human error analysis within the health and safety management system
- Exercise: Checklist for observing human errors in the workplace
- Course Review: Key points summary of course topics

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

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

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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. |