Global Horizon
TRAINING CENTER

Training Course:
Respiratory fit testing for trainers

1 - 5 August 2027
Sharm El-Sheikh (Egypt)
Sheraton Sharm Hotel

Training Course:
Respiratory fit testing for trainers

Training Course code: HE234685 From: 1 - 5 August 2027 Venue: Sharm El-Sheikh (Egypt) - Sheraton Sharm Hotel
Training Course Fees: 4775 Euro

Introduction

Respiratory fit testing is a critical component of ensuring the health and safety of workers who are required to use respirators in hazardous environments. It involves determining whether a respirator fits the user's face securely to create an airtight seal, thus providing optimal protection against inhalation hazards. For trainers, understanding the science behind fit testing, the different types of tests, and how to properly conduct and evaluate fit tests is crucial for compliance with safety regulations and maintaining a safe working environment.

This training program is designed to provide trainers with the knowledge and skills required to effectively conduct respiratory fit testing, ensuring that participants understand both the technical and practical aspects of the process.

Objectives

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

- Understand the importance and legal requirements of respiratory fit testing.
- Identify the different types of respiratory fit tests.
- Perform qualitative and quantitative fit tests.
- Recognize factors that affect respirator fit and how to manage them.
- Educate and train workers on how to use respirators correctly.
- Ensure compliance with Occupational Health and Safety regulations related to respiratory protection.
- Troubleshoot and resolve issues encountered during the fit testing process.

Target Audience

- Safety Trainers: Professionals who are responsible for providing safety training in the workplace.
- Health and Safety Officers: Individuals tasked with ensuring the safety and health of employees in high-risk environments.
- Environmental Health and Safety EHS Managers: Personnel overseeing the implementation of safety protocols, including respiratory protection.
- Occupational Health Professionals: Those involved in monitoring and improving the health and safety of workers.
- Supervisors and Managers: People who manage workers that are required to wear respirators.

Course Outline

Day 1: Introduction to Respiratory Fit Testing

- What is Respiratory Fit Testing?
    - Definition and importance of fit testing in maintaining workplace safety.
- Legal and Regulatory Framework
    - Overview of OSHA, NIOSH, and other regulatory guidelines for respiratory protection.
    - Legal responsibilities of employers regarding fit testing.
- Types of Respirators
    - Overview of different types of respirators e.g., N95, PAPR, half-face, full-face.
- Understanding Respirator Fit
    - The science behind respirator fit and how it impacts worker protection.
    - Factors that influence the effectiveness of respirators e.g., facial hair, facial structure.

Day 2: Types of Fit Testing

- Qualitative Fit Testing
    - Explanation of the qualitative method e.g., Bitrex, saccharin testing.
    - Practical demonstration and hands-on practice.
- Quantitative Fit Testing
    - Introduction to the quantitative method using equipment e.g., PortaCount.
    - Calibration and operation of fit testing devices.
- Comparison of Qualitative and Quantitative Methods
    - Pros and cons of each method.
    - When to use qualitative versus quantitative testing.

Day 3: Performing Fit Testing

- Conducting Qualitative Fit Tests
    - Step-by-step procedure for conducting qualitative tests.
    - Troubleshooting common issues during testing.
- Conducting Quantitative Fit Tests
    - Detailed procedure for using a PortaCount or similar device.
    - Properly recording test results.
- Evaluating Test Results
    - Understanding pass/fail criteria.
    - Interpreting results and what to do if a test fails.

Day 4: Practical Application

- Conducting Fit Tests in Various Scenarios
    - Group practice in a simulated work environment.
    - Handling different types of respirators.
- Respirator Maintenance and Inspection
    - Teaching workers how to maintain their respirators to ensure longevity and effectiveness.
    - Inspection procedures before and after fit testing.

Day 5: Troubleshooting and Documentation

- Troubleshooting Fit Test Failures
    - Identifying and resolving issues such as improper donning or leaks.
    - Addressing issues with different face shapes and respirator types.
- Documentation and Record Keeping
    - Legal and company requirements for documenting fit test results.
    - Creating reports and storing records for compliance audits.

- Review and Final Assessment
  - Review of key concepts from the training.
  - A final exam or group discussion to ensure understanding.

Registration form on the Training Course: Respiratory fit testing for trainers

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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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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.