LABORATORY SAFETY

Introduction

Laboratory safety is a significant legal and moral responsibility for those who work in both academic and industrial laboratories. This course provides health and safety information about handling laboratory equipment and chemicals and provides safety and first aid related tips in the event of an emergency.

Course Overview

At the end of the course, trainees will be able to:

» Understand why laboratory safety is important

» Identify the common hazards and warning signs related to laboratory safety

» Understand the procedure to follow in case of an emergency, such as a spill, a fire or an explosion

» Identify which types of PPE are appropriate for laboratory work

» Recognise which injuries result from laboratory accidents and also state the first aid procedures to follow for common laboratory injuries.

Course chapters

1. Introduction
Discover the importance of laboratory safety and also learn about the common sources of hazards in laboratories.

2. General safety
Safety tips related to various aspects of laboratory safety, such as general and equipment safety, personal hygiene, good housekeeping, fire safety, and emergency procedures.

3. Personal protective equipment
In this section you will learn about PPE regulations and various types of PPE that are appropriate for laboratory work.

4. First aid
Discover the common injuries that result from laboratory accidents and the first aid that should be given in case of these injuries.

Who will it benefit?

This course is designed for those who work in either academic or industrial laboratories.

How it works?

Laboratory Safety is delivered online as an interactive course to each trainee on their computers, or portable device at any internet enabled location. The interactive course is engaging, informative and exciting to use. Using up-to-date, modern graphical images, users will be faced with a selection of interactive elements and mini quizzes to test their knowledge.

Users will receive informative advice and guidance and will be tested on their understanding of the subject at the end of the course by completing the compulsory self-test.

This course also features a risk checklist which asks the user a series of questions relating to their current working environment.

Course Format: Interactive
Running Time: 25-30 minutes

Technical Information

Internet Access:
Users will need a computer or apple device with a web browser and an internet connection to access Safety Media e-Learning Solutions.

Minimum Recommended Bandwidth: 2Mbs

Software:
One of the following web-browsers:

- Google Chrome

- Safari (Versions as maintained and supported by the manufacturer)

- Internet Explorer (Versions as maintained and supported by the manufacturer)

Adobe Reader or Reader DC (for viewing of PDF documents downloadable from the solution where applicable)

Plug-ins

- Flash player: Version as recommended by Adobe

Settings

- Enable JavaScript

- Allow cookies

Hardware:

Processor - 600MHz
Minimum Hard Disk Space Required - 1GB
RAM - OS Dependent

Audio

The courses contain audio, system requirements for running the courses are browser dependent.
Where no enabled audio device is detected and the browser defines that this is required the user will be informed via an error message window upon launching the course.

For more information, please visit our website.

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