



## **AFOES CONSULTANTS**

**Management System Consultants & Educators**

# **Hazard Analysis & Risk Assessment**

**Course No: 99218152**



### **WHO SHOULD ATTEND**

- Safety Managers/Executives.
- Design Manager/ Engineers (Mechanical, Instrumentation, Electrical, Chemical, Electrical).
- Operations Manager/ Engineers (Mechanical, Instrumentation, Electrical, Chemical, Electrical).
- Production Managers/Engineers (Mechanical, Instrumentation, Electrical, Chemical, Electrical).
- And any body who is involved in Hazard & Risk Assessment of the Organization.

## Introduction

This course is intended for those who wish to become familiar with the principles of risk assessment.



**The course should provide the delegates with the following:-**

- Understand and assimilate basic risk concepts
- Learn an effective semi-quantitative (group) risk assessment technique
- Participate and lead risk assessments
- Enhance your facilitation skills ( not necessarily your presentation skills)
- Gain the confidence and commitment to put the skills and tools to work
- Foster the development of a risk culture!

## Course Benefits

- Understand the procedure for carrying out a hazard & risk assessment in different settings and different types of hazards.
- Have insight in the data requirements for hazard assessment, elements at risk assessment, vulnerability assessment and loss estimation;
- Apply hazard assessment, and elements at risk assessment at work place;
- Hands on experience with techniques for classifying elements at risk;
- Work with risk scenarios.
- Carry out the various phases of risk assessment (including hazard assessment, at risk situations and risk management);
- Provide an overview of mitigation options and effect on risk reduction and distribution.

# Course structure



It is a highly interactive course and it will involve a number of practical exercises aimed at practical listing of health and accident hazards of jobs, proposed by delegates, selection of the most appropriate method of risk category assessment, effectiveness of risk category change and prioritization of actions undertaken to improve job safety.



The course covers a variety of subjects including:

- Reasons for introduction of risk assessment obligation;
- Objectives of risk assessment, elements of risk assessment, risk assessment criteria and methods as well as ability to develop lists of hazards;
- Discussion of requirements concerning systems of hazard assessment in occupational health and safety management system standards: OHSAS 18001:1999;
- Discussion of the requirements of OHSAS 18001:1999 Standard - Guide to occupational health and safety management systems.
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Delegates will be assessed on the basis of their progress throughout the course and a certificate of competence will be issued to delegates deemed to have achieved a satisfactory standard.

## Lecturer

**The lecturing team is comprised of professionals who have been especially selected for their recognized knowledge and experience in the field of Hazard & Risk Management.**



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