

MANAGEMENT OF HAZARDOUS CHEMICALS

HSE003

COURSE OVERVIEW

Every organization must handle hazardous chemicals effectively in accordance with regulations. The more knowledge you have of the risks, the more effectively you can prevent pollution, personal harm and ill-health to you, your colleagues and the wider community.

This course will provide you with the opportunity to develop your knowledge of workplace hazardous chemicals; understand safe storage and handling and learn how to identify, select and apply legislated and other controls designed to minimise the exposure of workers to these risks.

COURSE OBJECTIVES

By the end of the course, participants will be able to:

- Demonstrate knowledge of classifying hazardous chemicals.
- Demonstrate knowledge of procedures relating to the uncontrolled release of hazardous chemicals.
- Demonstrate an understanding of the technical vocabulary and documentation used for hazardous chemicals.
- Know the precautions to take relating to the storage and handling of hazardous chemicals in the workplace.
- Employ control measures for chemicals and prevent hazards arising in reactive chemicals processing.

WHO SHOULD ATTEND

This course is intended for those dealing with hazardous materials and chemicals in the workplace such as managers, engineers, and other technical staff. The course is also suitable for health, safety and environmental (HSE) personnel and any one can be handled hazardous chemicals.

COURSE DURATION

5 Working Days

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COURSE OUTLINES

- Introduction to chemicals.
- Definitions.
- International regulations related hazardous chemicals.
- International classification and identification of hazardous chemicals:
 - Non- hazardous chemicals.
 - Hazardous chemicals.
- Properties of Hazardous Chemicals
 - Flammability.
 - Reactivity.
 - Corrosivity.
 - Toxicity.
- Effect of hazardous chemicals:
 - Health effect
 - Environmental effect
- Material Safety Data Sheet (MSDS).
- Assessment of hazardous chemicals:
 - Human.
 - Environment.
- Control of Transporting of hazardous chemicals.
- Control of handling of hazardous chemicals.
 - Label of containers.
 - RTK
 - HMIS
 - NFPA .
- Control of storage hazardous chemicals
- Personal protective equipment (PPE) use with hazardous chemicals.
- Training needed for hazardous chemicals:
 - Employees
 - Contractors.

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