

CHEMICAL HANDLING, STORAGE & SAFE LIFTING TRAINING

Two million people died due to exposure to hazardous chemicals in 2019. This is an increase of 29% since 2016: WHO

12 million people die every year from diseases caused by pollution, chemical exposures, climate change and ultraviolet radiation.



Fact

Employees have both a need and a right to know the hazards and identities of the chemicals they are exposed to when working. They also need to know what protective measures are available to prevent adverse effects from occurring



This course

We use hybrid training methodologies for maximum retention of the training. This training particularly is 50% theory and 50% practical



Our Experience

We have conducted this course in more than 10 countries including Pakistan covering more than 1500 people of various nationalities

BACKGROUND

Hazardous chemicals are present in the air, in consumer products, at the workplace, in water, or in the soil. They can cause several diseases including mental, behavioural and neurological disorders, cataracts, or asthma.

Our bodies can be polluted by hundreds of chemicals that are not supposed to be there. The impact of pollution on human health is still unknown but we are beginning to understand how pollution affects humans.

COURSE INCLUDES

- ✓ Principles of chemistry. Toxic, flammable and reactive chemicals. Hazard classifications
- ✓ Chemical Safety Management System Risk Assessment, GHS, SDS
- ✓ HAZMAT, Transportation & HAZCOM, Handling emergencies, treatment and chemical audits



Detailed Agenda



Morning

- General Principles of chemistry
- Physiochemistry
- Chemicals and Chemical exposures
- From Exposure to Dose
- HAZCOM & HAZMAT Defined
- Chemicals Route of Entry
- Toxicology
- Lethal Doses
- Lethal Concentration
- Chemical Hazards and their Types
- Hazardous vs Non-Hazardous chemicals
- Flammable and Explosives Chemicals
- Toxic Material
- Bhopal Nuclear Disaster Video
- Carcinogens and their Identifications
- Compressed Gases and Health Exposure
- Reactive Chemicals and Health Exposure
- Chemical Health Awareness Video



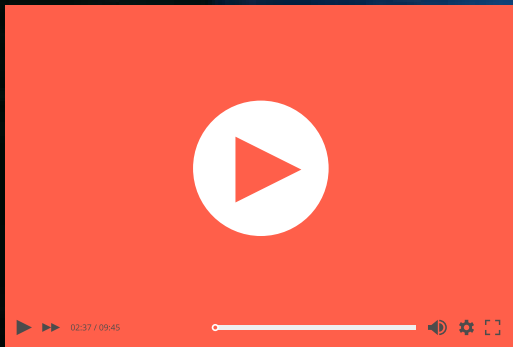
Afternoon & Evening

- Radioactive chemical's: Hazards, Types & Control Measures
- HAZMAT transportation
- HAZCOM - Hazard Determination
- Hazards Inventory
- The GHS
- Labeling
- SDS
- Safe Working and Handling of Chemicals
- Chemicals Risk Assessment Exercise
- Chemicals Storage and PPE
- Chemical Emergency Response Procedures, Spillage & Accidental Release
- Spill Kit and Contents
- Chemical Health Risk Management
- BP Texas Refinery Chemical Accident
- Chemical Audit

Special section on

- Medical Screening
- Chemical disposal
- Spill Response Drill
- First Aid for Chemical Exposure





WATCH OUR CHEMICAL
SAFETY VIDEO

ADVANCE
CHEMICAL
SAFETY
courses



**Accident Investigation
of chemical accidents**
3 days



**Human Fatigue Risk
Management in the
Chemical Industry**
2 days



**Dangerous Goods &
Cargo Handling**
2 days



**Chemical Safety Train
the Trainer Course**
5 days

CONTACT



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